October 5, 2007

Luis Lodrigueza
ORANGE COUNTY HEALTH CARE AGENCY
Environmental Health Division
1241 East Dyer Road, Suite 120
Santa Ana, CA 92705-5611

REYNOLDS GROUP
a California corporation

SITE: **FULLERTON BUSINESS PARK NORTH**
(FORMER OCHCA #94IC29)
1551 EAST ORANGETHORPE AVENUE
FULLERTON, CALIFORNIA

SUBJECT: **WORKPLAN FOR ADDITIONAL SOIL VAPOR ASSESSMENT, VAPOR WELL INSTALLATIONS AND COMMENCEMENT OF SOIL VAPOR EXTRACTION**

Dear Mr. Lodrigueza,

This workplan details an additional shallow soil vapor assessment inside the subject site warehouse and along the property line adjacent to offsite warehouses, as well as the installation of 16 vapor wells. The additional soil vapor assessment was directed by Orange County Health Care Agency (OCHCA) in a letter dated August 24, 2007 (copy attached). The purpose of the additional assessment is to:

- Determine the "extent of the soil vapor plume within the warehouse",
- Evaluate the potential for vapor intrusion into warehouses within 100 feet laterally from the probable outer limit of the plume,
- Provide an assessment database for the eventual development of a remedial action plan (RAP).

Based on the year to date soil vapor assessment work, The Reynolds Group (TRG) proposes to advance 12 shallow soil vapor probes and install 16 multi-depth vapor wells at the Site. The purpose of installing the vapor wells is to commence vapor extraction beneath the slab to reduce the risk of vapor intrusion. This workplan may be modified as field and site vicinity information dictate. TRG will notify OCHCA in advance of any changes.

During this phase of assessment, TRG will collect soil vapor samples and immediately analyze them onsite for volatile organic compounds (VOCs). Upon completion of the soil vapor survey, TRG will summarize the data in a brief letter report and submit the report to OCHCA for review. TRG plans to install the multi-depth vapor extraction wells at those locations known to have elevated concentrations of chlorinated solvents based on previous assessment work. Pending review of adjacent sites and their impact on this case, TRG intends to immediately install a vapor extraction system using a mobile treatment system. A vapor extraction system startup report followed by quarterly remediation status reports will be submitted to OCHCA.

BACKGROUND

In March 2007, TRG advanced 17 soil vapor probes and performed an environmental screening on behalf of our Client prior to purchasing the subject property. Tetrachloroethelene (PCE) and trichloroethylene (TCE) were detected at maximum soil vapor concentrations of 222.2 and 115.2 micrograms per liter (ug/L), respectively, at five feet below ground surface (ft bgs). The fieldwork and results were detailed in TRG's "Results of Soil Vapor Investigation" report, dated March 19, 2007.

On July 24, 2007, TRG submitted an OCHCA "Request for Remedial Action Supervision" on behalf of our Client for review of the results, for providing proper oversight, and for eventual regulatory closure. TRG met with Luis Lodrigueza of OCHCA on July 24, 2007, to discuss the case and was directed to further assess the soil vapors immediately beneath the concrete slab.

On July 30, 2007, five additional soil vapor points were sampled and a maximum concentration of 1,079.4 ug/L of PCE and 710.8 ug/L of TCE were detected. TRG submitted a report of the work entitled "Summary of Shallow Soil Vapor Survey and Interior Ceiling Heights" dated August 9, 2007, for OCHCA to run the human health risk models.

OCHCA determined that cancer risk at the Site ranges from 5.9E-0.5 to 7.9E-04. These values are orders of magnitude higher than the allowable risk of one in a million (1.0E-0.6). Based on the July 2007 vapor assessment, OCHCA requested further lateral assessment in the warehouse to find the perimeter of chlorinated solvents and provide a basis for remediation action. OCHCA stated in an email on August 27, 2007, that the Department of Toxic Substances Control (DTSC) residential and commercial human health screening level for PCE are 180 micrograms per cubic meter (ug/m^3) for residential and 528 ug/m^3 for commercial. Human health screening levels for TCE are 603 ug/m^3 for residential and 1,170 ug/m^3 for commercial. Note, 180 ug/m^3 PCE is equal to 0.18 ug/L.

SCOPE OF WORK FOR SOIL VAPOR SURVEY

The soil vapor survey will follow the February 7, 2005, updated DTSC "Interim Final - Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air" (the "*DTSC Guidance*").

TRG proposes to advance 12 shallow soil vapor probes, sample those probes at 5 and 15 ft bgs, and install 16 multi-depth vapor wells. Locations of the proposed soil vapor probes and vapor wells are shown in the attached Figure 2 – Site Plot Plan with Proposed Soil Vapor Probe and Vapor Well Locations. Temporary shallow soil vapor probes will be installed at 5 and 15 ft bgs to enable repeat sampling. Sixteen (16) multi-depth vapor wells will be installed according to the DTSC's vapor well design (see Figure 3 – Temporary Probe and Multi-depth Vapor Extraction Well Details).

Specifically, the Scope of Work will include the following:

1. File applicable permits as necessary to advance the soil vapor probes and notify your office a minimum of 72 hours prior to commencement of work.
2. Call Dig Alert to obtain utility clearance.
3. Follow the Health and Safety Plan that is attached to this workplan.
4. Advance 12 soil vapor probes at approximately 5 and 15 ft bgs using a hydraulic probe rig.
5. At each probe location, install a ¼-inch outer diameter (OD) Nylaflow tubing with a 1.5 inch long air stone filter at 5 and 15 ft bgs. The temporary vapor probes will be finished according to the details shown in Figure 3 – Temporary Probe and Multi-depth Vapor Extraction Well Detail.
6. Advance 12 soil borings to 25 ft bgs and four deep soil borings to 60 ft bgs using a limited access, hollow stem auger drill rig. Install multi-depth, 2-inch diameter, schedule 40 PVC vapor wells at each location with screened intervals from 2 to 5, 12 to 15, and 22 to 25, and in the two deep wells 45 to 60 ft bgs. The proposed vapor well details are shown on the attached Figure 3 – Temporary Probe and Multi-depth Vapor Extraction Well Detail.
7. Collect soil vapor samples in clean summa canisters at 5 and 15 ft bgs from each temporary shallow soil vapor probe location and all screened zones in the vapor well locations.
8. Immediately following sample collection, analyze vapor samples by a state-certified laboratory by EPA Method 8260 full scan for VOCs. Ten percent (10%) of the soil vapor samples will be also analyzed by EPA Method TO-15 to screen for other chemicals of potential concern, such as vinyl chloride, naphthalene and benzene.
9. Collect one five foot and one 10 foot soil sample for physical properties to be used in soil vapor intrusion models. No soil samples will be analyzed for VOCs.
10. Dispose of field generated wastes.

11. Commence soil vapor extraction from the newly installed vapor wells using a trailer mounted 20 horsepower, 500 cubic feet per minute, positive displacement blower, connected in series to two 1,000 pound carbon vessels.
12. Prepare a report signed by a California Registered Civil Engineer detailing field activities and results.

Rationale for Shallow Soil Vapor Probe and Vapor Well Locations

Twelve (12) soil vapor probe locations are proposed inside the site warehouse to determine the lateral extent of the soil vapor plume under the warehouse concrete slab. Eight sample points are proposed outside the warehouse where the soil vapor plume is known to extend to within 100 feet of an adjacent offsite warehouse.

The soil vapor probes and soil vapor extraction wells will be placed in the vicinity of the highest soil vapor concentrations from the most recent round of assessment in July 2007. Previous consultants found the subsurface geology allowed "relatively high permeability, yielding high extraction flow rates with a large effective radius of influence greater than 20 ft from the extraction location." (see Appendix A – *Soil Remediation System Progress Report, Converse Consultants* dated October 25, 1995). Soil borings advanced in the initial site assessment encountered a silty clay layer acting as a partial barrier at approximately 30 ft bgs. A clay and silty clay layer is known to exist from 60 to 80 ft bgs. The vapor extraction wells will be advanced at locations and to the depths and screen intervals shown on the attached Figure 2 - Site Plot Plan with Proposed Soil Vapor Probe and Vapor Extraction Well Locations and Figure 3 - Temporary Probe and Multi-depth Vapor Extraction Well Detail.

Temporary Soil Vapor Probes

Prior to advancing any probes at the site, TRG will contact underground service alert and consult with the Site owner to identify any underground conduits or hazards. TRG will also obtain all applicable permits necessary to complete the work.

The temporary soil vapor probes will be advanced to 15 ft bgs in order to adequately assess soil vapor conditions at the Site while minimizing above grade ambient air influences. Two samples will be collected from each probe location, one at 5 ft bgs and one at 15 ft bgs. Based on historical information, soil at and around the Site generally consists of silty sand to 30 ft bgs, changing to silty clays at deeper depths. According to Converse Consultants in their *Corrective Action Plan* dated July 26, 1995, depth to water is located at approximately 114 ft bgs.

The temporary vapor probe points will be advanced using a hydraulic push probe rig or hand-held hammer drill with a disposable drive tip. Once the temporary vapor probes reach the appropriate depth, a ¼-inch smaller Nylaflow sample tube will be advanced inside the drive rod to the appropriate depths. The end of the Nylaflow tubing has a 1.5 inch long air stone filter which allows soil vapor to enter the tubing while limiting the possibility of water or soil intrusion. The top of the Nylaflow tube has a plastic valve to prevent ambient air intrusion. The Nylaflow tubing and valves will be sealed at the surface with a j-plug cap and locking 8-inch diameter steel, locking well lid. If circumstances require further assessment at the same location, this will allow for re-sampling (see Figure 3 – Multi-depth Vapor Probe Construction Diagram for the proposed tip design and temporary vapor probe construction).

After temporary vapor probe placement, a period of at least 20 minutes will be allowed to pass before sample collection. This equilibration time will allow subsurface conditions to equilibrate prior to purge volume testing, leak testing, and soil vapor sampling. Each sample location will then be purged three to five well volumes at a constant low flow rate measuring between 100 to 200 milliliters per minute (ml/min). This flow rate range is listed in the *DTSC Guidance* to limit stripping (ie. enhanced compound partitioning from impacted soil or groundwater) and to prevent ambient air intrusion and increase the likelihood of representative samples. Soil vapor samples will be collected in summa canisters and analyzed in a fixed lab.

Vapor Well Installations

Sixteen (16) multi-depth vapor wells will be installed using a limited access hollow stem auger drill rig. The vapor wells with be screened from 2 to 5, 12 to 15, and 22 to 25 feet, and in the deep wells 45 to 60 ft bgs. The wells are proposed in the soil vapor locations with the historically highest PCE concentrations. Two additional passive monitoring wells will be installed along the northern property line to check for migrations from offsite (see Figure 2 - Plot Plan with Proposed Soil Vapor Probe and Soil Vapor Well Locations). Each well will be constructed with a 2-inch diameter schedule 40 PVC pipe. Well construction details are shown in the attached Figure 3 - Temporary Probe and Multi-depth Vapor Extraction Well Detail. The vapor extraction wells will be finished at the surface with a steel, traffic-grade, locking lid.

Vapor sample labeling will correspond to the following sequence: VEW1-20' will indicate the vapor sample from vapor well VEW1 at a depth of approximately 20 ft bgs. As the summa canister samples are collected, each sample identification, date, and sample time will be recorded. At the end of the fieldwork, all the samples will be delivered to a state-certified laboratory under strict chain-of-custody protocol.

A flame ionization detector (FID) will be used as a field-screening tool to determine the relative presence of petroleum hydrocarbons in the soils. Field screenings and soil lithology will be recorded. A record of drilling activities and a lithologic (boring) log of each boring will be prepared. Since we are sampling soil vapors and since vapor intrusion is the primary concern and there are poor correlations between soil matrix data and soil vapor data, no soil samples will be analyzed for VOCs. One five-foot and one 10-foot soil sample will be analyzed for soil physical properties to be used in soil vapor intrusion models.

Between sample locations within the boring, the split spoon sampler and augers will be cleaned with an Alconox water solution followed by a potable and clean water rinse cycle (triple rinse.)

Remediation by Soil Vapor Extraction

Following vapor well installation, TRG plans to attach above ground, lateral 2-inch diameter piping to the vapor wells and commence soil vapor extraction. The subsurface soil vapors will be extracted using a trailer mounted 20 horsepower, 500 cubic feet per minute, positive displacement blower, connected in series to two 1,000 pound carbon vessels. Passive wells PW1 and PW2 are proposed along the northern property line to monitor for migration of chlorinated soil vapors from offsite. The soil vapor extraction system will be monitored once during the first week of operation and weekly thereafter. Soil vapor samples will be collected weekly in tedlar bags from the inlet and outlet to the carbon canisters and monthly from the vapor wells open to the system as required by the SCAQMD permit. The inlet may be monitored more frequently depending on the inlet concentrations.

TRG will prepare a remediation system startup report, including vapor radius of influence data, and subsequent quarterly system operation reports.

TRG plans to operate the soil vapor extraction system until vapor concentrations have declined to either non-detect or asymptotic levels for VOCs. After remediation is deemed complete, we will perform a confirmation soil vapor assessment beneath the concrete slab and submit the results to the OCHCA for human health risk assessment.

Purge Volume Testing

One (1) purge volume test will be completed for this sampling event to quantify the necessary purge volume and assure representative subsurface samples. One *purge volume* is defined as the total volume of dead air space which is the summation of the sample volume, internal sampling equipment volume, and annular space around the probe tip. The purge volume test will be conducted

at the first sample point (sample SV-24) and will consist of measuring the minimum purge volume necessary to collect the maximum concentrations. The purge volumes will be stepped according to the following volumes as indicated in the Advisory: one (1), three (3), and seven (7) purge volumes. If no volatile concentrations are detected in the purge test, a default of three (3) purge volumes will be extracted prior to sampling.

Leak Testing

Leak testing will be conducted at every soil vapor probe location. A tracer compound such as 1,1-difluoroethane will be released at the ambient ground surface and analyzed for in the soil vapor sample. A detection of the tracer compound in the subsurface soil vapor sample will indicate that ambient air intrusion occurred.

Sample Collection

Soil vapor samples will be collected at a constant low flow rate measuring between 100 to 200 milliliters per minute (ml/min) as shown by an in-line vacuum gauge. This flow rate range is listed in the *DTSC Guidance* to limit stripping (ie. enhanced compound partitioning from impacted soil or groundwater), and to prevent ambient air intrusion and increase the likelihood of representative samples. A vacuum reading will be recorded on field data sheets for each sample. It is anticipated that up to three (3) purge volumes will be extracted prior to sampling. Soil vapor samples will be collected in clean summa canisters. Once collected, the soil vapor samples will be immediately analyzed at a fixed laboratory. One (1) method blank will be collected for this soil vapor survey. One (1) duplicate sample will be collected immediately after the original sample from the sample location with the highest anticipated PCE concentrations.

Disposable Equipment and Decontamination Procedures

Non-reusable nylon sample tubing will be discarded between sample locations. After each use, drive rods and other re-usable components will be properly decontaminated by a 3-stage wash and rinse process including a non-phosphate detergent such as Liquinox and a final distilled water rinse. Clean, dry tubing will be used for sampling at all times.

Laboratory Analyses.

Chain-of custody procedures will be followed in transporting samples to the onsite and offsite laboratory. Chemical and Environmental Laboratories of Santa Fe Springs, California will analyze the soil vapor samples. Chemical and Environmental Laboratories is a state-certified laboratory.

Soil vapor samples will be analyzed by EPA Method 8260B full scan for VOCs, since these are the historical compounds of concern. A detection limit of "0.1 ug/L" as vapor for carcinogenic compounds (PCE & TCE) and "1.0 ug/L" as vapor for non-carcinogenic compounds will be requested as specified in the *DTSC Guidance*. Ten percent (10%) of the soil vapor samples will be additionally analyzed by EPA Method TO-15 to screen the samples for other chemical of potential concern, such as vinyl chloride, naphthalene and benzene. A total of two soil samples from the 5 foot bgs zone will be analyzed for physical parameters listed in the *DTSC Guidance*, including: density, organic carbon content by the Walkee Black Method, soil moisture, effective permeability, porosity and Grain size distribution analysis and evaluation. Upon completion of the soil vapor survey and vapor well installation, the field activities and laboratory analytical results will be summarized in a brief letter report and submitted to the OCHCA.

Waste Disposal

All field generated wastes will be properly disposed in accordance with federal, state and local requirements. We do not anticipate any wastes to be generated from this work.

Report on the Work

The results of the fieldwork will be put into a separate report signed by a Registered Civil Engineer that incorporates all of the requirements of your agency.

Health and Safety Plan

All staff and third parties who will be near or around the project will be required to sign the health and safety plan that has been prepared and is attached to this letter.

REGISTERED PROFESSIONAL STATEMENT

All work on this project is being performed under the responsible charge of a California Registered Civil Engineer. The licensed professional whose wet ink signature and seal appears at the end of this report will supervise or personally conduct all work associated with the project.

CERTIFIED LABORATORY

All analytical data will be reported by Chemical and Environmental Laboratories, a California certified laboratory.

CORRESPONDENCES CONCERNING THIS PROJECT:

Please be sure that your mailing list includes The Reynolds Group and:

Dominique Baione
UNIVERSAL MOLDING EXTRUSION COMPANY
9151 East Imperial Highway
Downey, CA 90242

James R. McFadden
GRUBB & ELLIS
500 North State College Suite 100
Orange, CA 92868

John C. Glaser
GLASER, TONSICH & ASSOCIATES, LLC
765 West 9th Street
San Pedro, CA 90731

The individual at The Reynolds Group who will be handling the technical aspects of the case is John Cleary. Mr. Cleary can be reached directly in the office at (714) 730-5397 ext. 129 or on his cell phone at (714)920-9362 or via e-mail at cleary@reynolds-group.com.

Sincerely,
THE REYNOLDS GROUP
a California Corporation by:

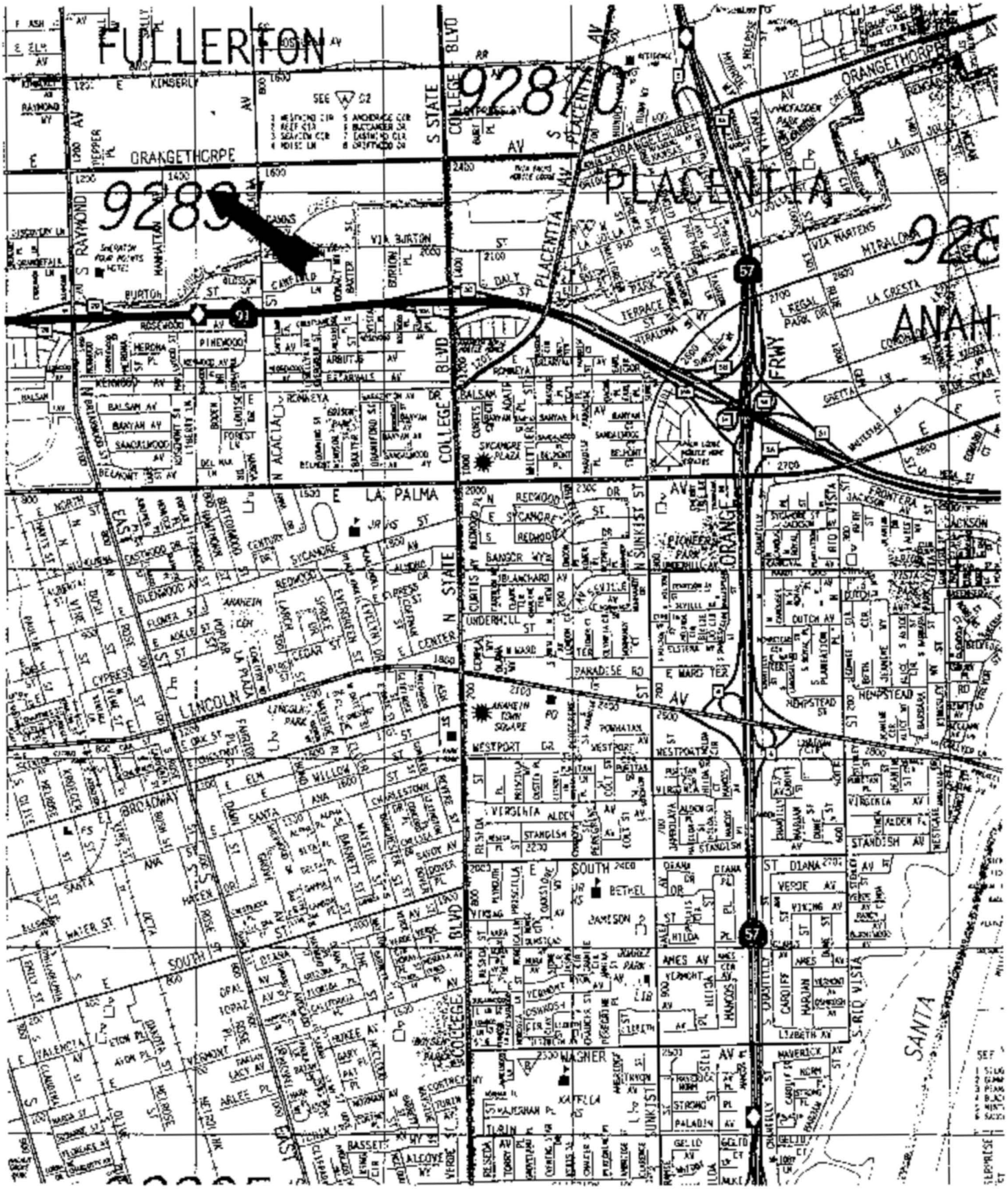
John P. Cleary
Project Manager
California Registered Civil Engineer #70001

Christa Wolfe
Staff Geologist

Enclosures:

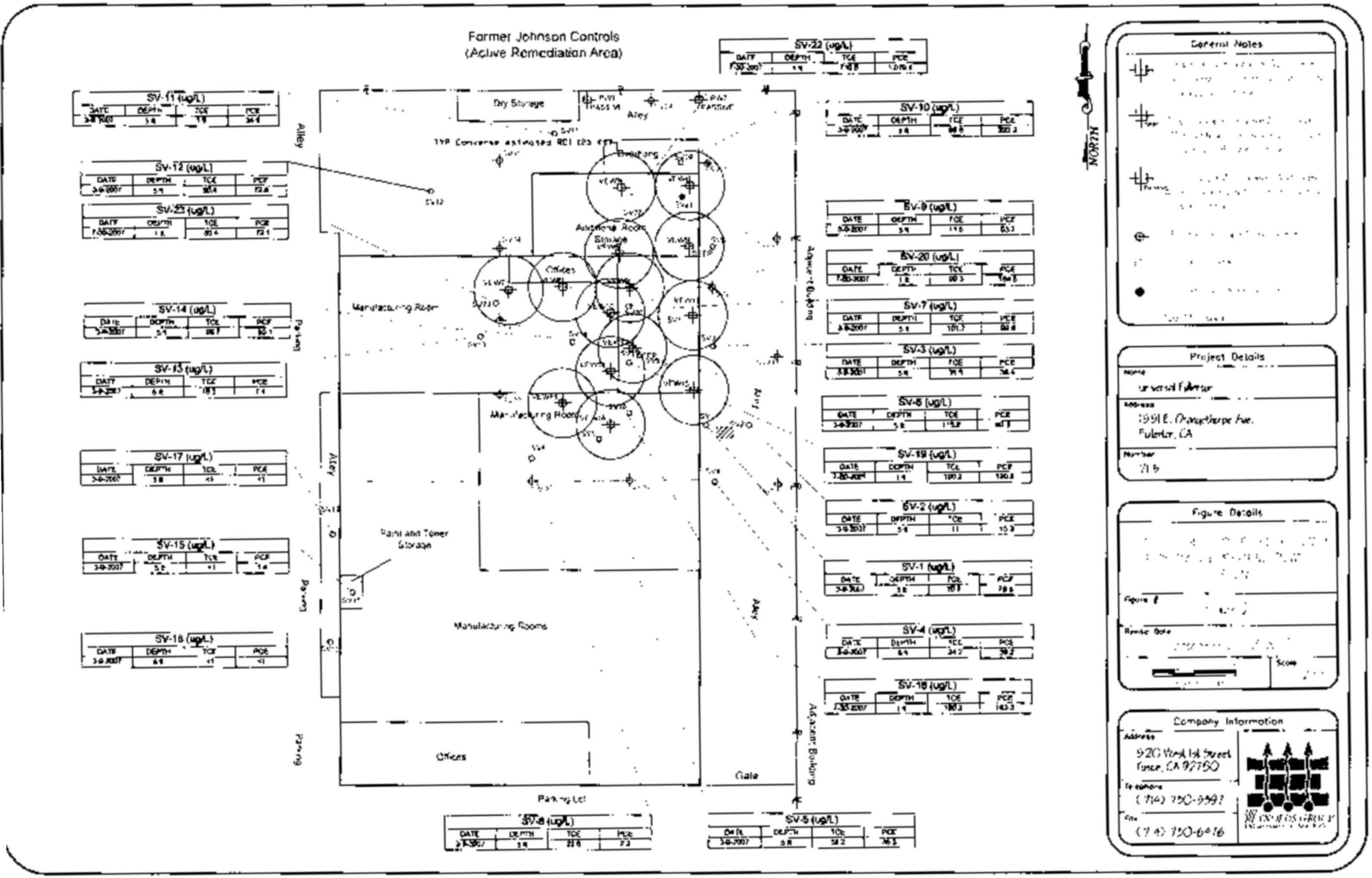
Figure 1 – *Site Location Map*
Figure 2 – Site *Plot Plan with Proposed Soil Vapor Probe and Soil Vapor Locations*
Figure 3 – *Temporary Probe and Multi-depth Vapor Extraction Well Detail*
OCHCA Directive Letter dated August 24, 2007
Health and Safety Plan

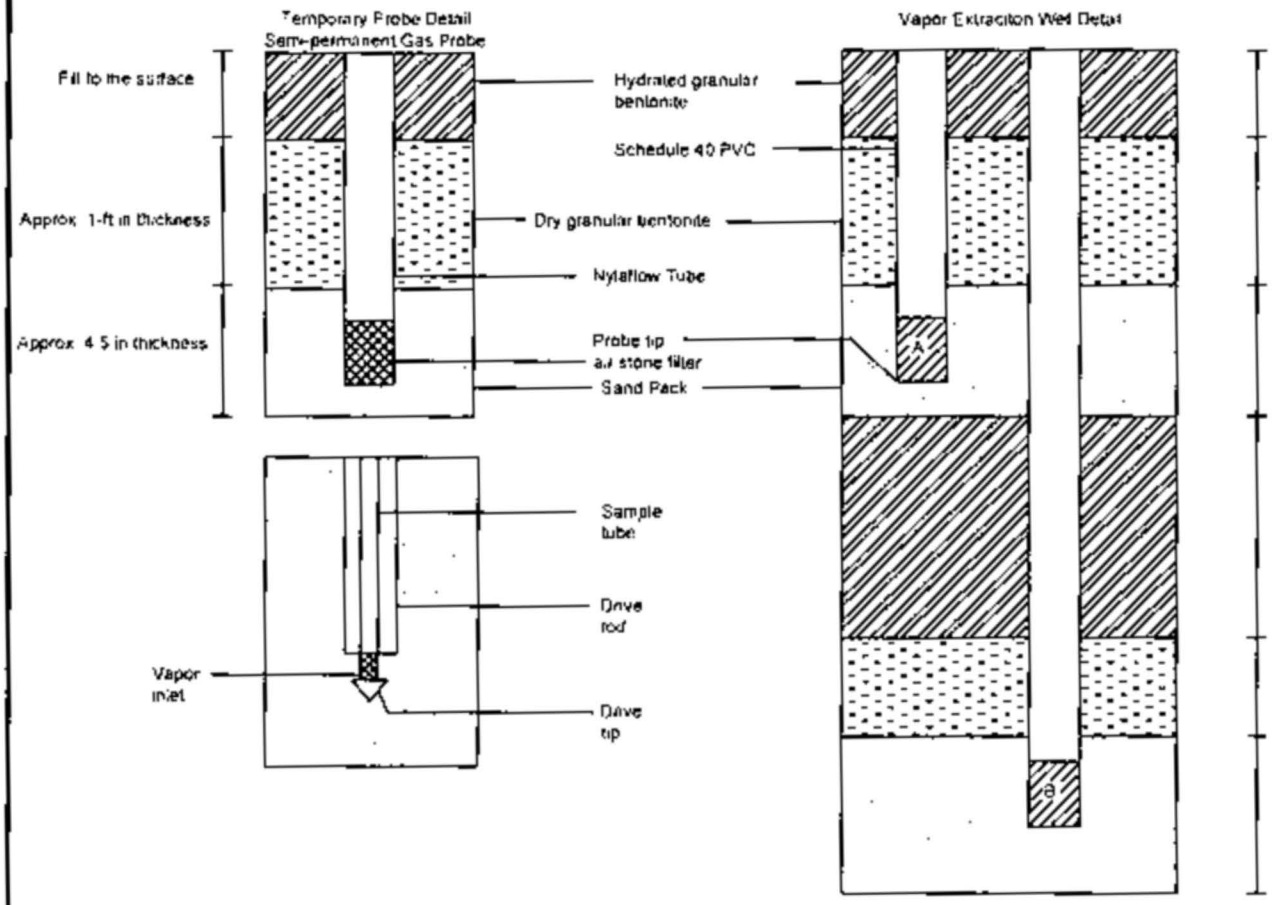
cc: Dominick Baione, **UNIVERSAL MOLDING EXTRUSION COMPANY c/o**
James McFadden, **GRUBB & ELLIS**
Jack Glaser, **GLASER, TONSICH & ASSOCIATES, LLC**



Adapted from Orange County
Thomas Brothers Map Guide 2006

Project No:	7115
Date:	March 2007
1551 E. Orangethorpe Fullerton, CA	SITE LOCATION MAP FIGURE 1


Former Johnson Controls
(Active Remediation Area)
SV-11 (ug/L)
SV-12 (ug/L)
SV-23 (ug/L)
SV-14 (ug/L)
SV-13 (ug/L)
SV-17 (ug/L)
SV-15 (ug/L)
SV-16 (ug/L)
SV-22 (ug/L)
SV-10 (ug/L)
SV-9 (ug/L)
SV-20 (ug/L)
SV-7 (ug/L)
SV-3 (ug/L)
SV-8 (ug/L)
SV-19 (ug/L)
SV-2 (ug/L)
SV-1 (ug/L)
SV-4 (ug/L)
SV-18 (ug/L)
SV-6 (ug/L)
SV-5 (ug/L)
Dry Storage
Alley
Breakers
Autoclave Room
Storage
Offices
Manufacturing Room
Paint and Toner Storage
Manufacturing Rooms
Offices
Gate
Parking Lot
Building
NORTH
General Notes
Project Details
Name
universal Fiberglass
Address
1991 E. Orangethorpe Ave.
Fullerton, CA
Number
216
Figure Details
Figure #
Revision Date
Scale
Company Information
Address
920 West 1st Street
Tustin, CA 92780
Telephone
(714) 730-9997
Fax
(714) 730-6416



General Notes

- [illegible]
- [illegible]
- [illegible]
- [illegible]
- [illegible]

A. [illegible]

B. [illegible]

Project Details

Name
Universal Fullerton

Address
1551 E. Orangethorpe Ave.
Fullerton, CA

Number
7119

Figure Details

[illegible]

Figure #
Figure 5

Revise Date
September 9, 2000

[illegible]

Scale
N/A

Company Information

Address
920 West 16th Street
Tustin, CA 92780

Telephone
(714) 730-9397

Fax
(714) 730-6476

SOIL REMEDIATION CONSULTANTS

COUNTY OF ORANGE
HEALTH CARE AGENCY

PUBLIC HEALTH SERVICES
ENVIRONMENTAL HEALTH

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DIRECTOR

DAVID M. SOULELES, MPH
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Service

2007 0828 TRG Proj. # 7115

RECEIVED

AUG 2 2007

August 24, 2007

Dominick Baione
Universal Molding Company
9151 East Imperial Highway
Downey, CA 90240

Subject: **Shallow Soil Vapor Survey Report**

Re: Fullerton Business Park-North
1551 Orangethorpe Avenue
Fullerton, CA 92833
OCHCA Case #07IC015

Dear Mr. Baione:

Orange County Health Care Agency (OCHCA), Environmental Health has reviewed the subject report submitted by The Reynolds Group. The results of this recent shallow soil vapor sampling indicated that solvent vapor concentrations at or near the foundation subslab are higher than those detected earlier at 5 ft below grade.

Using the DTSC-modified Johnson-Ettinger vapor intrusion model, OCHCA conducted a vapor risk assessment to evaluate the effect of the shallow soil vapor contamination on indoor receptors. The cumulative incremental cancer risk from PCE and TCE calculated from each of the shallow soil vapor probes ranged from 5.9E-05 to 7.9E-04. These values are orders of magnitude higher than the allowable risk of one in a million (1.0E-06).

In view of these findings, it is requested that the extent of the soil vapor plume within the warehouse (west-central and south sections) be determined. The additional soil gas survey should also include sampling of soil vapor probes as close as possible to buildings within 100 ft of the probable outer limit of the plume to evaluate the potential vapor intrusion into these structures. Please submit a work plan for this additional soil vapor survey. The information obtained from this phase will serve as the basis for a remedial action plan (RAP)—to include any necessary pilot test to determine the feasibility of the chosen remedial measure—designed to mitigate the soil vapor contamination.

If you have any questions regarding this matter, please contact the undersigned at (714) 433-6253.

Sincerely,

Luis Lodriguezа
Hazardous Waste Specialist
Hazardous Materials Mitigation Section
Environmental Health Division

cc: Kamron Saremi, California Regional Water Quality Control Board- Santa Ana Region
John Cleary, The Reynolds Group, 520 West First Street, Tustin, CA 92780

REYNOLDS GROUP
a California corporation

Site-Specific Health & Safety Plan

Soil Gas Survey & Vapor Extraction Well Installation

1551 ORANGETHORPE AVENUE FULLERTON, CALIFORNIA

Tel 714-730-5397

PO Box 1996, Tustin, California 92781-1996
520 West First Street, Tustin, California 92780- 3005
www.reynolds-group.com

Fax 714-730-6476

INTRODUCTION

The Reynolds Group (TRG) was engaged to perform a soil gas survey and will be installing sixteen vapor extraction wells at 1551 Orangethorpe Ave, Fullerton CA

KEY PERSONNEL AND RESPONSIBILITIES

Following are key assignments for this project:

ASSIGNMENT	RESPONSIBLE PARTY
Project Manager:	John Cleary
Project Site Safety Officer:	Christa Wolfe/Ed Reynolds
Office Health and Safety Manager:	Ed Reynolds

The Project Manager (PM) has overall responsibility for field development and implementation of this Health and Safety Plan (HASP). The PM assigns health and safety related duties and responsibilities only to qualified individuals. Before anyone enters the work area, they must meet the requirements of 29 CFR 110.120 for medical examination and health and safety training.

The Project Site Safety Officer (PSSO), who must be on-site during all work activities, will be responsible for on-site health and safety activities. The PSSO has stop-work authorization that he will exercise when he perceives an imminent safety hazard, an emergency situation, or any other potentially dangerous situations, such as extreme weather conditions. If the PSSO stops work for a safety-related issue, work cannot begin again until approved by the OHSM. In an emergency, the PSSO will arrange for emergency support services when needed.

GENERAL SAFETY REQUIREMENTS

Continuous air monitoring for worker safety and regulatory compliance will be conducted using a photoionization detector (PID) or flame-ionization detector (FID) a minimum of every 15 minutes during the entire operation, unless directed otherwise by the appropriate regulatory agency officer(s) present on site.

Monitoring equipment, including PID/FID and CG/O2 meter, will be calibrated daily and calibration logs will be maintained on-site and made available upon request.

All on-site personnel operating within the work zone will show proof of current 40-hour hazardous waste operations training upon request.

Cellular telephones/radios will be available on-site at all times during work for communication in the event of an emergency.

HAZARD EVALUATION

The following is an evaluation of the hazards which might be associated with this project and the countermeasures which should be taken to remediate these hazards:

Exposure

POTENTIAL CHEMICALS:

The most likely chemical compounds to be encountered during this survey are petroleum fuel hydrocarbons, found typically in oil field operations.

ASSOCIATED HAZARD:

PCE / TCE:	Enters your body when you breathe its vapors or through the skin it can affect the central nervous system, harm the eyes, nose, throat, lungs, heart, liver, kidneys, and immune system and has been shown to cause cancer.

EXPOSURE PROBABILITY AND LIKELY CONSEQUENCE:

A low hazard level exists where there is no contact with the chemicals, when low concentrations are encountered, or when proper protection is worn.

COUNTERMEASURES:

- When OVM reading is less than 50 ppm above background level wear Level D protection;
- When OVM reading is above 100 ppm for greater that 15 minutes wear Level C protection;
- When OVM reading is above 1000 ppm cease work operations until level decreases.

Fire and Explosion

POTENTIAL FOR FIRE OR EXPLOSION:

Workers may encounter fire or explosion hazards on this project. Fire or explosion could occur by rupturing an underground gas line or if digging through soil that contains high concentrations of fuel hydrocarbons.

EXPOSURE PROBABILITY AND LIKELY CONSEQUENCE:

Low probability with moderate consequence.

COUNTERMEASURES:

Seek information about possible underground obstructions from knowledgeable individuals before excavating. Note if Dig Alert has marked the site for underground lines (see Section 3.11).

Oxygen Deficiency

On-site workers are not likely to encounter an oxygen deficiency. Workers will not enter confined spaces on this project.

Ionizing Radiation

On-site workers are not likely to encounter radioisotopes or other hazardous ionizing radiation on this site.

Biologic Hazards

On-site workers are not likely to encounter biologic hazards on this site.

Safety Hazards

On-site workers may encounter physical safety hazards on this site. Work operations include:

- working near moving, powered machinery;
- slips, strains, trips, and falls;
- moving and lifting of heavy objects;
- use of hand tools, and
- use of motor vehicles.

COUNTERMEASURES:

Use experienced on-site persons. Wear hard-toed shoes and approved hard hats. Heighten worker awareness with a tailgate safety session for all on-site workers at the start of work each day. Maintain all equipment (including safety devices) in proper operation condition. Never leave an open excavation unattended.

Electrical

On-site workers could encounter electrical hazards on this site if the front loader contacts overhead power lines, if subsurface work encounters buried live electrical lines, if poor weather conditions exist, or equipment is not properly grounded.

COUNTERMEASURE:

Be sure not to raise the front loader in proximity to overhead power lines. Work shall cease if bad weather conditions exist. Equipment shall be grounded. Seek information about possible underground lines from knowledgeable individuals before excavating. Note if Dig Alert has marked the site for underground lines (see Section 3.11).

Heat Stress

There will be a low likelihood that on-site workers may encounter heat stress on this project. Workers will be wearing Tyvek suits and ambient temperature will likely be in the low-to mid-eighties.

COUNTERMEASURES:

Heighten worker awareness about heat stress at daily tailgate safety session. Monitor heart rate at break time. If heart rate exceeds 110 beats per minute, cut work period by one-third. Provide and encourage drinking of water and juices at the job site.

Cold Exposure

On-site workers are not likely to encounter cold exposure on this project.

Noise

On-site workers will likely encounter excessive noise levels from operation of the heavy equipment.

COUNTERMEASURE:

Workers will wear hearing protection around the backhoe and whenever they have trouble conversing in normal tones at a distance of about five feet.

Underground Lines

Every effort will be made to determine if underground lines exist beneath the site. Dig Alert will be contacted at least two working days prior to the commencement of work. **Dig Alert #A-900145**

SITE CONTROL

For control purposes, the work area consists of a 160-foot area around the backhoe. It is open and workers will enter and leave the site with care. Smoking, eating, and drinking are prohibited in the immediate work area. The PSSO will exclude casual observers from the work area and will be on-site during work operations.

EMERGENCY RESPONSE PLAN

Following are emergency names, phone numbers, and contacts:

Police	911
Fire Department	911
Ambulance	911
Emergency Hospital 1111W La Palma Ave. Anaheim, CA 92801	(714) 744-1450
The Reynolds Group 250 El Camino Real, Suite 204 Tustin, CA 92780	(714) 730-5397
Closest Phone for Emergencies:	Cellular Phones

Medical Emergencies:

For emergencies requiring ambulance service, call 911 for transportation of injured to hospital. Life-flight is available and can be obtained when calling 911.

Nearest Facility:

See Attached Map

Emergency Decontamination:

In a medical emergency, personnel decontamination is of lesser importance than medical attention. Alert paramedics or emergency room attendants about the potential for contamination.

The undersigned have read and will comply with the Health and Safety Plan for the Universal Fullerton Property subsurface assessment project.

REPRESENTING	NAME	SIGNATURE	DATE

THE REYNOLDS GROUP
A California Corporation by:

F. Edward Reynolds, Jr., P.E.

Google Maps

Start **1551 E Orangethorpe Ave**
Fullerton, CA 92831
End **1111 W La Palma Ave**
Anaheim, CA 92801
Travel **2.7 mi – about 8 mins**

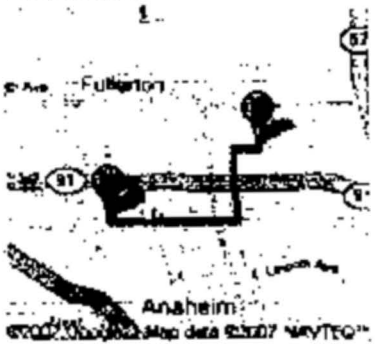
1551 E Orangethorpe Ave
Fullerton, CA 92831
Drive: 2.7 mi – about 8 mins

1.	Head **west** on **E Orangethorpe Ave** toward **Manhattan Ave**	0.3 mi
← 2.	Turn **left** at **S Raymond Ave**	0.4 mi 2 mins
3.	Continue on **N East St**	0.5 mi 1 min
→ 4.	Turn **right** at **E La Palma Ave**	1.5 mi 5 mins

1111 W La Palma Ave
Anaheim, CA 92801

These directions are for planning purposes only. You may find that construction projects, traffic, or other events may cause road conditions to differ from the map results.

Overview



Start

End

ENVIRONMENTAL TRAINING AND COMPLIANCE

CERTIFICATE OF COMPLETION

8 HOUR REFRESHER

HEALTH & SAFETY TRAINING

Christa Wolfe

has successfully completed the 8-Hour Refresher Health and Safety Training course, satisfying the OSHA Hazardous Waste Operators and Emergency Response Standard [29 CFR 1910.120(e)(8).(q)(8) and 8 CCR 5192 (e)(q)].

Class Date: March 16th 2007
Expiration: March 16th 2008

Certificate # 26292-11

Joseph T. Thompson, MPH

1979 State College Boulevard • Anaheim, CA 92806 • Phone: 800-949-4473

ENVIRONMENTAL TRAINING AND COMPLIANCE

CERTIFICATE OF COMPLETION

8 HOUR REFRESHER

HEALTH & SAFETY TRAINING

John P Cleary

has successfully completed the 8-Hour Refresher Health and Safety Training course, satisfying the OSHA Hazardous Waste Operators and Emergency Response Standard [29 CFR 1910.120(e)(8),(q)(8) and 8 CCR 5192 (e)(q)].

Class Date: March 16th 2007
Expiration: March 16th 2008

Certificate # 26292-4

Joseph T. Thompson, MPH

1979 State College Boulevard • Anaheim, CA 92806 • Phone: 800-949-4473

ENVIRONMENTAL TRAINING AND COMPLIANCE

CERTIFICATE OF COMPLETION

8 HOUR REFRESHER

HEALTH & SAFETY TRAINING

F. Edward Reynolds Jr.

has successfully completed the 8-Hour Refresher Health and Safety Training course, satisfying the OSHA Hazardous Waste Operators and Emergency Response Standard [29 CFR 1910.120(e)(8),(q)(8) and 8 CCR 5192 (e)(q)].

Class Date: March 16th 2007
Expiration: March 16th 2008

Certificate # 26292-3

Joseph T. Thompson, MPH

1979 State College Boulevard • Anaheim, CA 92806 • Phone: 800-949-4473

Material Safety Data Sheet

[Home] [Manufacturer] [Part Number] [NSN] [Help]

SECTION I - Material Identity

Item Name	VOLATILES COALIBRATION CHECK COMPOUNDS MIXTURE CLP-110
Part Number/Trade Name	VOLATILES CALIBRATION CHECK COMPOUNDS MIXTURE CLP-120
National Stock Number	6810PCLP120V
CAGE Code	0MU35
Part Number Indicator	A
MSDS Number	180475
HAZ Code	B

SECTION II - Manufacturer's Information

Manufacturer Name	ULTRA SCIENTIFIC
Street	250 SEITH STREET
City	NORHT KINGSTOWN
State	RI
Country	US
Zip Code	02852
Information Phone	401-294-9400

MSDS Preparer's Information

Date MSDS Prepared/Revised	20NOV96
Active Indicator	N

Alternate Vendors

SECTION III - Physical/Chemical Characteristics

Appearance/Odor	LIQUID
Boiling Point	147F
Vapor Pressure	100MMHG
Vapor Density	1.1
Specific Gravity	.7910
Solubility in Water	SOLUBLE
Container Pressure Code	4
Temperature Code	8
Product State Code	L

SECTION IV - Fire and Explosion Hazard Data

Flash Point Method	UNK
Lower Explosion Limit	6.7
Upper Explosion Limit	36.0
Extinguishing Media	CARBON DIOXIDE, DRY CHEMICAL POWDER, OR WATER SPRAY.

SECTION V - Reactivity Data

Stability	YES
Materials to Avoid	STRONG OXIDIZERS
Hazardous Decomposition Products	N/A
Hazardous Polymerization	NO
Polymerization Conditions to Avoid	WILL NOT OCCUR

SECTION VI - Health Hazard Data

Route of Entry: Skin	YES
Route of Entry: Ingestion	YES
Route of Entry: Inhalation	YES
Health Hazards - Acute and Chronic	ALL CHEMICALS SHOULD BE CONSIDERED HAZARDOUS - DIRECT PHYSICAL CONTACT SHOULD BE AVOIDED.
Explanation of Carcinogenity	THIS CONTAINS CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.
Emergency/First Aid Procedures	EYE/SKIN:FLUSH WITH COPIOUS AMOUNTS OF WATER. IF INHALED, REMOVE TO FRESH AIR - GIVE OXYGEN, IF NECESSARY.CONTACT PHYSICAN.

SECTION VII - Precautions for Safe Handling and Use

Steps if Material Released/Spilled	A LEAKING AMPULE OR BOTTLE MAY BE PLACED N A PLASTIC BAG AND NORMAL DISPOSAL PROCEDURES FOLLWED.LIQUID SAMPLES MAY BE ABSORBED ON VEREITULITE OR SAND.
Waste Disposal Method	IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULAIONS.
Handling and Storage Precautions	KEEP TIGHLTY CLOSED AND STORE IN A COOL DRY PLACE
Other Precautions	THIS SHOULD ONLY BE USED BY THOSE PERSONS TRAINED IN THE SAFE HANDLING OF HAZARDOUS CHEMICALS.

SECTION VIII - Control Measures

Respiratory Protection	OSHA/MSMA APPROVED SAFETY EQUIPMENT.
Protective Gloves	GLOVES
Eye Protection	CHEM GOGGLES/FACE SHIELD
Other Protective Equipment	CHEM RISISTNAT CLOTHING SUCH AS A LAB COAT AN/OR RUBBER APRON.
Disposal Code	O

SECTION IX - Label Data

Protect Eye..... YES
Protect Skin..... YES
Protect Respiratory..... YES
Chronic Indicator..... UNKNOWN
Contact Code..... MODERATE
Fire Code..... UNKNOWN
Health Code..... UNKNOWN
React Code..... UNKNOWN

SECTION X - Transportation Data

Container Quantity..... 12
Unit of Measure..... ML

SECTION XI - Site Specific/Reporting Information

Volatile Organic Compounds (P/G)..... 6.6005
Volatile Organic Compounds (G/L)..... 791

SECTION XII - Ingredients/Identity Information

Ingredient #..... 01
Ingredient Name..... METHYL ALCOHOL
CAS Number..... 67561
Proprietary..... NO
Percent..... 98.4829
OSHA PEL..... 200PPM
ACGIH TLV..... 200PPM
Ingredient #..... 02
Ingredient Name..... 1,1-DICHLORETHENE
CAS Number..... 75354
Proprietary..... NO
Percent..... .2528
ACGIH TLV..... 5PPM
Ingredient #..... 03
Ingredient Name..... BENZENE, CHLORO-
CAS Number..... 108907
Proprietary..... NO
Percent..... .2528
OSHA PEL..... 75PPM
ACGIH TLV..... 10PPM
Ingredient #..... 04
Ingredient Name..... BROMAFORE
CAS Number..... 75252
Proprietary..... NO

Percent..... .2528
OSHA PEL..... .5PPM
ACGIH TLV..... .5PPM
Ingredient #..... 05
Ingredient Name..... CHLOROESTHANE
CAS Number..... 74873
Proprietary..... NO
Percent..... .2528
OSHA PEL..... 100PPM
ACGIH TLV..... 50PPM
Ingredient #..... 06
Ingredient Name..... 1,1,2,2-TETRACHLORETHANE
CAS Number..... 79345
Proprietary..... NO
Percent..... .2528
OSHA PEL..... 5PPM
ACGIH TLV..... 1PPM

NOTICE: For additional information, contact BIOENVIRONMENTAL

TCE

Revised December 1997

Fact Sheet

Hazard Evaluation System and Information Service

850 Marina Bay Parkway
Building P, 3rd Floor
Richmond, CA 94804

(866) 282-5516

Trichloroethylene (TCE)

Health Hazard Summary: Trichloroethylene mainly affects the central nervous system (the brain), causing headache, nausea, dizziness, clumsiness, drowsiness, and other effects like those of being drunk. TCE can also damage the facial nerves, and it can cause skin rash. Heavy exposure can damage the liver and kidneys. TCE causes cancer in animals and may cause cancer in humans.

HOW TO KNOW IF YOU ARE WORKING WITH TRICHLOROETHYLENE

TCE is sometimes called by other names, such as trichloroethene, ethylene trichloride, or ethinyl trichloride. It is sold under many different brand names, such as Tri-Clene, Trielene, Trilene, Trichloran, Trichloren, Algylen, Trimar, Triline, Tri, Trethylene, Westrosol, Chlorylen, Gemalgene, and Germalgene.

TCE looks like water and has a sweet odor like chloroform. It is mainly used in metal degreasing. It is also used as a raw material to make other chemicals, as a cleaner in electronics manufacturing, and for all sorts of general solvent purposes such as in paints, paint strippers, and adhesives. It has also been used as a low-temperature refrigerant and as a grain fumigant, and is still sometimes used in dry cleaning. It is no longer commonly used as a medical anesthetic gas.

Your Right To Know: Under California's Hazard Communication Standard (Cal/OSHA regulation GISO 5194), your employer must tell you if you are working with any hazardous substances, including TCE, and must train you to use them safely.

If you think you may be exposed to hazardous chemicals at work, ask to see the Material Safety Data Sheets (MSDSs) for the products in your work area. MSDSs can be very hard to read, and sometimes they are out of date or inaccurate or they leave out important information, but the MSDS should at least tell you what's in the product. An MSDS lists the hazardous chemicals in a product, describes its health and safety hazards, and gives methods for its safe use, storage, and disposal. An MSDS should also include information on fire and explosion hazards, chemical reactivity, first aid, and methods for handling leaks and spills. Your employer must have an MSDS for any workplace product that contains a hazardous substance, and must make the MSDS available to employees on request. The MSDS for a product that contains TCE should identify it in Section 2 by the CAS number 79-01-6.

HOW TRICHLOROETHYLENE ENTERS AND AFFECTS YOUR BODY

TCE enters your body when you breathe its vapors in the air. TCE can also be absorbed through your skin, especially with lengthy skin contact or if your skin is cut or cracked.

Overexposure to TCE mainly affects the central nervous system (the brain). Other symptoms can also occur, as described below.

TCE belongs to a large class of chemicals called organic solvents. Alcohols, acetone, methyl ethyl ketone, trichloroethane, methylene chloride, benzene, toluene, and xylene are just a few other examples of organic solvents. Most organic solvents share the same basic set of health effects, although some solvents also cause specific effects of their own.

Nervous System: Like most organic solvents, TCE can affect your brain the same way drinking alcohol does, causing headache, nausea, dizziness, clumsiness, drowsiness, and other effects like those of being drunk. This can increase your chances of having accidents. The effects of short-term overexposure usually clear up within a few hours after you stop being exposed. As your exposure level increases or you are exposed for a longer time, the effects get stronger, occur more quickly, and last longer. Drinking alcohol within a few hours of exposure will increase these effects and make them last longer. Very high exposures to TCE can cause a person to pass out, stop breathing, and die.

Most experts believe that repeated, frequent overexposure to organic solvents in general, over months or years, can have long-lasting and possibly permanent effects on the nervous system. The symptoms include fatigue, sleeplessness, poor coordination, difficulty in thinking, loss of short-term memory, and personality changes such as depression, anxiety, and irritability. We don't know how much exposure it takes to cause these effects, and these effects have not been studied in workers exposed only to TCE.

Unlike most other solvents, TCE can damage the nerves of the face. Vision, smell, taste, and sometimes control of the muscles of the face and mouth can be impaired. There is some evidence that hearing might also be affected. The most obvious cases result from short-term high exposure, although effects may not appear until hours or even as much as two days after the exposure. Long-term lower-level exposure may also cause less obvious damage. TCE can also damage the nerves of the arms and legs, causing tingling, loss of feeling, weakness, and paralysis. The effects are probably caused by contaminants, rather than by TCE itself, but those contaminants are usually present.

Skin: TCE, like other organic solvents, can dissolve your skin's natural protective oils. Frequent or prolonged skin contact can cause irritation and dermatitis (skin rash), with dryness, redness, flaking, and cracking of the skin. TCE can be absorbed into the body slowly through healthy skin, or rapidly through damaged skin. TCE quickly penetrates most ordinary clothing (see Personal Protective Equipment) and can get trapped in gloves and boots; such exposure can cause burns and blistering.

Eyes, Nose, and Throat: TCE vapor in the air can irritate your eyes, nose, and throat. Liquid TCE splashed in the eye can sting, but any damage to the eye usually heals within a few days.

Lungs: Exposure to TCE at high levels can irritate the lungs, causing chest pain and shortness of breath. Extreme overexposure (for example, inside an enclosed or confined space such as a degreasing tank) can cause pulmonary edema, a potentially life-threatening condition in which the lungs fill with fluid. However, there is no evidence that repeated, low-level exposure has any long-term effects on the lung.

Heart: Extremely high concentrations of TCE or other chlorinated solvents can cause heart fibrillation (irregular heartbeats) that can cause sudden death.

Liver and Kidneys: At very high levels of exposure such as might occur in an enclosed space or during a spill TCE can injure the liver and kidneys. Liver or kidney damage is rare; it's not at all likely to happen without substantial effects on the nervous system first, and it's not likely to happen if exposures are kept within the legal workplace limits. Generally, such liver or kidney damage is not permanent. However, long-term exposure can contribute to liver damage from drinking alcohol.

Immune System: There have been reports of certain rare immune diseases such as systemic sclerosis (scleroderma) and lupus erythematosus among people exposed to TCE, but there has been no good study to show whether TCE is actually related to any immune system disorder.

Cancer: TCE causes cancer in mice, and there is some evidence that it may also be a weak carcinogen in rats. Humans exposed to TCE have not been studied well enough to give much information, but the human studies also suggest that TCE may cause cancer. You should treat TCE as a likely cause of human cancer.

Genetic Changes: There are many ways to test whether a chemical causes genetic mutations. In most tests, TCE causes little or no mutation.

Reproductive System: Several animal studies and at least one human study have suggested that TCE might cause birth defects, loss of the fetus, or impaired growth and performance of the offspring. However, there has been very little consistency among the tests; each experimenter has tended to get results very different from those of other experimenters, and most tests find little or no effect on pregnancy. You should treat TCE as a possible hazard to pregnancy.

Other: People who drink alcohol and breathe TCE vapors at nearly the same time can develop degreaser's flush, a reddeing of the face, shoulders, and back that usually goes away within an hour or so after exposure stops.

TESTS FOR EXPOSURE AND MEDICAL EFFECTS

There are ways to measure the amount of TCE in your body. Unlike many other organic solvents, TCE's breakdown products remain in the body for up to three weeks, so testing does not necessarily have to be done right after exposure. Biological Exposure Indexes have been developed to help interpret the various types of test results. However, because people vary greatly, these tests are mainly useful for evaluating groups of exposed workers, not individual workers. There are also other tests to look for certain unusual specific health effects. A health care provider can select specific tests on a case-by-case basis to evaluate chemical exposure and its effects. HESIS physicians can provide advice for such medical evaluations. However, routine testing is not recommended or required.

If symptoms such as memory loss, confusion, and mood changes occur, neuropsychological testing may be useful.

It is generally recommended that workers who are regularly exposed to hazardous substances get a complete physical examination, including an occupational and medical history, at the beginning of their employment. They should also have periodic follow-up examinations.

LEGAL EXPOSURE LIMITS

California's Division of Occupational Safety and Health (Cal/OSHA) sets and enforces standards for workplace chemical exposure. Cal/OSHA sets Permissible Exposure Limits (PELs) for the amounts of certain chemicals in workplace air. The PELs are intended to protect the health of a person who is exposed every day over a working lifetime.

Cal/OSHA's PEL for TCE is 25 parts of TCE per million parts of air (25 parts per million, or 25 ppm). This is equal to about 135 milligrams of TCE per cubic meter of air (135 mg/m3). Legally, your exposure may be above 25 ppm at times, but only if it is below the PEL at other times, so that your average exposure for any 8-hour workshift is no more than 25 ppm.

There is also a Short Term Exposure Limit (STEL) of 200 ppm (1075 mg/m3), which must not be exceeded during any 15-minute averaging period, and a Ceiling Limit of 300 ppm (1612 mg/m3) that must never be exceeded for any period of time.

The American Conference of Governmental Industrial Hygienists has recommended a Short-Term Exposure Limit of 100 ppm. Cal/OSHA will probably adopt this more protective recommendation as a legal STEL in about 1998.

You should not rely on your sense of smell to warn you that you are being overexposed to TCE. TCE has fairly good warning properties; on average, people begin to smell TCE just about when the coucentration in the air reaches the PEL (at about 28 ppm, on average). However, many people can smell TCE at lower levels, when they are not being overexposed; and many people cannot smell it even at much higher levels. Also, your sense of smell becomes dulled after being around TCE for a short time. Measuring the amount of a substance in the air is the only reliable way to determine the exposure level.

When two or more chemicals have similar health effects (such as TCE and other organic solvents that affect your central nervous system or irritate your eyes, nose, and throat), there are special rules (GISO 5155(c)(1)(B)) that set lower limits on your combined exposure.

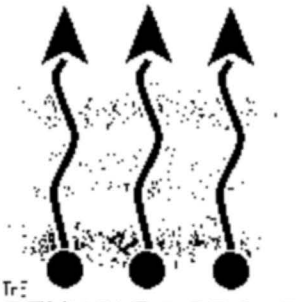
If you work with TCE and think you may be over-exposed, talk to your supervisor or your union. If any worker might be exposed to a substance at more than the legal limit, the employer must measure the amount of the substance in the air in the work area (GISO 5155 (e)). You have the legal right to see the results of such monitoring relevant to your work (GISO 3204).

You also have the right to see and copy your own medical records, and records of your exposure to toxic substances. These records are important in determining whether your health has beeu affected by your work. Employers who have such records must keep them and make them available to you for at least 30 years after the end of your employment.

REDUCING YOUR EXPOSURE

Your employer is required to protect you from being exposed to chemicals at levels above the PELs. Cal/OSHA and Cal/OSHA Consultation Service can help you and your employer see Resources.

Substitution: The most effective way to prevent over-exposures is to use a safer chemical, if one is available. However, the health and safety hazards of substitutes must also be carefully cousidered, to make sure that they are actually safer. One advantage of TCE is that it does not burn or explode. One disadvantage is that TCE vapors are much heavier than air, so they can settle into pockets and depressions (such as an open degreasing tank) and reach very dangerous concentratious. TCE evaporates very quickly; in a closed container, it can build up to levels three hundred times as high as the Ceiling Limit that must never be exceeded.



February 1, 2012
(TRG No. 7115)

Luis Lodrigueza
ORANGE COUNTY HEALTH CARE AGENCY
1241 E. Dyer Road, Suite 120
Santa Ana, CA 92705

SITE: **FULLERTON BUSINESS PARK NORTH**
1551 ORANGETHORPE
FULLERTON, CALIFORNIA

OCHCA: **#07IC015**

SUBJECT: **TRANSMITTAL OF LABORATORY REPORT**

Dear Mr. Lodrigueza,

As requested in your email of January 25, 2012, please find enclosed a copy of the verification sampling results from August 2, 2011, for the subject Site. As I stated in an email to you, we believe that we mistakenly sent the "original" chain-of-custody to our Client. I hope the enclosed will suffice.

If you need to discuss this further, please reach me at 714-920-9312 (cell) or by email to fuan@reynolds-group.com . Thank you.

Sincerely,
THE REYNOLDS GROUP
a California Corporation by:

Alejandro Fuan
Project Manager

Attachments:
Jones Laboratory Analytical Report From August 2, 2011, Sampling

Tel 714-730-5397 PO Box 1996, Tustin, California 92781-1996 Fax 714-730-6476
www.reynolds-group.com

Jones Environmental, Inc.

Testing Laboratories

P.O. Box 5387 • Fullerton, CA 92838
(714) 449-9937 • FAX (714) 4499685

JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	8/2/2011
Client Address:	520 West 1st Street Tustin, CA 92780	**JEL Ref. No.:**	B-5193
		Client Ref. No.:	7115
Attn:	Al Fuan	**Date Sampled:**	8/2/2011
		Date Received:	8/2/2011
Project:	Universal Fullerton	**Date Analyzed:**	8/2/2011
Project Address:	1551 E. Orangethorpe Ave. Fullerton, CA	**Physical State:**	Soil Gas

ANALYSES REQUESTED

1. EPA 8260B - Volatile Organics by GC/MS - Oxygenates

Sampling – Soil Gas samples were collected in glass gas-tight syringes equipped with Teflon plungers. Tubing placed in the ground for soil gas sampling was purged three different times as recommended by DTSC/RWQCB regulations. This purge test determined how many purges of the soil gas tubing were needed throughout the project. One, three and seven purge volumes were analyzed to make this determination.

A tracer gas, n-Propanol, was placed at the tubing-surface interface before sampling. This compound was analyzed during the 8260B analytical run to determine if there were surface leaks into the subsurface due to improper installation of the probe. No n-Propanol was found in any of the samples reported herein.

The sampling rate was approximately 200 cc/min except when noted differently on the chain of custody record using a gas tight syringe. 1 & 3 purge volumes were used since this purging level gave the highest results for the compound(s) of greatest interest.

Prior to purging and sampling of soil gas at each point, a shut-in test was conducted to check for leaks in the above ground fittings. The shut-in test was performed on the above ground apparatus by evacuating the line to a vacuum of 100 inches of water, sealing the entire system and watching the vacuum for some length of time. A vacuum gauge attached in parallel to the apparatus measured the vacuum. If there was any observable loss of vacuum, the fittings were adjusted as needed until the vacuum did not change noticeably. The soil gas sample was then taken.

Analytical – Soil Gas samples were analyzed using EPA Method 8260 that includes extra compounds required by DTSC/RWQCB (such as Freon 113). Instrument Continuing Calibration Verification, QC Reference Standards, Instrument Blanks and Ambient Air Blanks were analyzed every 12 hours as prescribed by the method. In addition, Matrix Spike (MS) and Matrix Spike Duplicates (MSD) were analyzed with each batch of Soil Gas samples. A duplicate sample was analyzed each day of the sampling activity.

All samples were analyzed within 30 minutes of sampling.

Approval:

Steve Jones, Ph.D.
Laboratory Manager

Jones Environmental, Inc.

Testing Laboratories

P.O. Box 5387 • Fullerton, CA 92838
(714) 449-9937 • FAX (714) 4499685

JONES ENVIRONMENTAL

LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	8/2/2011
Client Address:	520 West 1st Street	**JEL Ref. No.:**	B-5193
	Tustin, CA 92780	**Client Ref. No.:**	7115
Attn:	Al Fuan	**Date Sampled:**	8/2/2011
		Date Received:	8/2/2011
Project:	Universal Fullerton	**Date Analyzed:**	8/2/2011
Project Address:	1551 E. Orangethorpe Ave.	**Physical State:**	Soil Gas
	Fullerton, CA		

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID:	VEW3-15' 1P	VEW3-15' 3P	VEW-15' 7P	VEW3-5'	VEW3-25'	Practical Quantitation Limit	Units
Analytes:							
Benzene	ND	ND	ND	ND	ND	0.020	µg/L
Bromobenzene	ND	ND	ND	ND	ND	0.020	µg/L
Bromodichloromethane	ND	ND	ND	ND	ND	0.020	µg/L
Bromoform	ND	ND	ND	ND	ND	0.020	µg/L
n-Butylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
sec-Butylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
tert-Butylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Carbon tetrachloride	ND	ND	ND	ND	ND	0.020	µg/L
Chlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
Chloroethane	ND	ND	ND	ND	ND	0.020	µg/L
Chloroform	ND	ND	ND	ND	ND	0.020	µg/L
Chloromethane	ND	ND	ND	ND	ND	0.020	µg/L
2-Chlorotoluene	ND	ND	ND	ND	ND	0.020	µg/L
4-Chlorotoluene	ND	ND	ND	ND	ND	0.020	µg/L
Dibromochloromethane	ND	ND	ND	ND	ND	0.020	µg/L
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	0.020	µg/L
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	0.020	µg/L
Dibromomethane	ND	ND	ND	ND	ND	0.020	µg/L
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
Dichlorodifluoromethane	ND	ND	ND	ND	ND	0.020	µg/L
1,1-Dichloroethane	ND	ND	ND	ND	ND	0.020	µg/L
1,2-Dichloroethane	ND	ND	ND	ND	ND	0.020	µg/L
1,1-Dichloroethene	0.444	0.302	0.294	ND	12.8	0.020	µg/L

ND = Not Detected

Jones Environmental, Inc.

Testing Laboratories

P.O. Box 5387 • Fullerton, CA 92838
(714) 449-9937 • FAX (714) 4499685

JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	8/2/2011
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Project Address:	1551 E. Orangethorpe Ave.	**Physical State:**	Soil Gas
	Fullerton, CA		

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID: / Analytes:	VEW3-15' 1P	VEW3-15' 3P	VEW-15' 7P	VEW3-5'	VEW3-25'	Practical Quantitation Limit	Units
cis-1,2-Dichloroethene	ND	ND	ND	ND	0.484	0.020	µg/L
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.020	µg/L
1,2-Dichloropropane	ND	ND	ND	ND	ND	0.020	µg/L
1,3-Dichloropropane	ND	ND	ND	ND	ND	0.020	µg/L
2,2-Dichloropropane	ND	ND	ND	ND	ND	0.020	µg/L
1,1-Dichloropropene	ND	ND	ND	ND	ND	0.020	µg/L
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.020	µg/L
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.020	µg/L
Ethylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Freon 113	ND	ND	ND	ND	ND	0.020	µg/L
Hexachlorobutadiene	ND	ND	ND	ND	ND	0.020	µg/L
Isopropylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
4-Isopropyltoluene	ND	ND	ND	ND	ND	0.020	µg/L
Methylene chloride	ND	ND	ND	ND	ND	0.020	µg/L
Naphthalene	ND	ND	ND	ND	ND	0.020	µg/L
n-Propylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Styrene	ND	ND	ND	ND	ND	0.020	µg/L
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.020	µg/L
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.020	µg/L
Tetrachloroethylene	31.3	27.0	25.1	9.17	206*	0.020	µg/L
Toluene	ND	ND	ND	ND	ND	0.020	µg/L
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,1,1-Trichloroethane	0.035	0.020	0.023	0.299	ND	0.020	µg/L
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	0.020	µg/L
Trichloroethylene	1.85	1.60	1.51	0.515	14.6	0.020	µg/L

ND = Not Detected

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Testing Laboratories

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	8/2/2011
Client Address:	520 West 1st Street	**JEL Ref. No.:**	B-5193
	Tustin, CA 92780	**Client Ref. No.:**	7115
Attn:	Al Fuan	**Date Sampled:**	8/2/2011
		Date Received:	8/2/2011
Project:	Universal Fullerton	**Date Analyzed:**	8/2/2011
Project Address:	1551 E. Orangethorpe Ave.	**Physical State:**	Soil Gas
	Fullerton, CA		

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID: / Analytes:	VEW3-15' 1P	VEW3-15' 3P	VEW-15' 7P	VEW3-5'	VEW3-25'	Practical Quantitation Limit	Units
Trichlorofluoromethane	ND	ND	ND	ND	ND	0.020	µg/L
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	0.020	µg/L
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Vinyl chloride	ND	ND	ND	ND	ND	0.020	µg/L
Xylenes	ND	ND	ND	ND	ND	0.020	µg/L
MTBE	ND	ND	ND	ND	ND	0.020	µg/L
Ethyl-tert-butylether	ND	ND	ND	ND	ND	0.020	µg/L
Di-isopropylether	ND	ND	ND	ND	ND	0.020	µg/L
tert-amylmethylether	ND	ND	ND	ND	ND	0.020	µg/L
tert-Butylalcohol	ND	ND	ND	ND	ND	0.100	µg/L
TIC:							
n-propanol	ND	ND	ND	ND	ND	0.020	µg/L
Dilution Factor	1	1	1	1	1/20*		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	99%	101%	100%	95%	100%	75 - 125	
Toluene-d_8	101%	94%	95%	100%	98%	75 - 125	
4-Bromofluorobenzene	94%	95%	94%	97%	97%	75 - 125	
	B2-080211-CHECKS_1	B2-080211-CHECKS_1	B2-080211-CHECKS_1	B1-080211-CHECKS_1	B2-080211-CHECKS_1		

ND Not Detected

* = Dilutions for these compound(s): first number for all others

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JONES ENVIRONMENTAL

LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	8/2/2011
Client Address:	520 West 1st Street	**JEL Ref. No.:**	B-5193
	Tustin, CA 92780	**Client Ref. No.:**	7115
Attn:	Al Fuan	**Date Sampled:**	8/2/2011
		Date Received:	8/2/2011
Project:	Universal Fullerton	**Date Analyzed:**	8/2/2011
Project Address:	1551 E. Orangethorpe Ave.	**Physical State:**	Soil Gas
	Fullerton, CA		

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID:	VEW4-5'	VEW4-15'	VEW4-25'	VEW5-5'	VEW6-5'	Practical Quantitation Limit	Units
Analytes:							
Benzene	ND	ND	ND	ND	ND	0.020	µg/L
Bromobenzene	ND	ND	ND	ND	ND	0.020	µg/L
Bromodichloromethane	ND	ND	ND	ND	ND	0.020	µg/L
Bromoform	ND	ND	ND	ND	ND	0.020	µg/L
n-Butylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
sec-Butylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
tert-Butylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Carbon tetrachloride	ND	ND	ND	ND	ND	0.020	µg/L
Chlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
Chloroethane	ND	ND	ND	ND	ND	0.020	µg/L
Chloroform	ND	ND	ND	ND	ND	0.020	µg/L
Chloromethane	ND	ND	ND	ND	ND	0.020	µg/L
2-Chlorotoluene	ND	ND	ND	ND	ND	0.020	µg/L
4-Chlorotoluene	ND	ND	ND	ND	ND	0.020	µg/L
Dibromochloromethane	ND	ND	ND	ND	ND	0.020	µg/L
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	0.020	µg/L
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	0.020	µg/L
Dibromomethane	ND	ND	ND	ND	ND	0.020	µg/L
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
Dichlorodifluoromethane	ND	ND	ND	ND	ND	0.020	µg/L
1,1-Dichloroethane	ND	ND	ND	**0.402**	ND	0.020	µg/L
1,2-Dichloroethane	ND	ND	ND	ND	ND	0.020	µg/L
1,1-Dichloroethene	ND	ND	ND	**0.326**	ND	0.020	µg/L

ND = Not Detected

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	8/2/2011
Client Address:	520 West 1st Street	**JEL Ref. No.:**	B-5193
	Tustin, CA 92780	**Client Ref. No.:**	7115
Attn:	Al Fuan	**Date Sampled:**	8/2/2011
		Date Received:	8/2/2011
Project:	Universal Fullerton	**Date Analyzed:**	8/2/2011
Project Address:	1551 E. Orangethorpe Ave.	**Physical State:**	Soil Gas
	Fullerton, CA		

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID:	VEW4-5'	VEW4-15'	VEW4-25'	VEW5-5'	VEW6-5'	Practical Quantitation Limit	Units
Analytes:							
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.020	µg/L
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.020	µg/L
1,2-Dichloropropane	ND	ND	ND	ND	ND	0.020	µg/L
1,3-Dichloropropane	ND	ND	ND	ND	ND	0.020	µg/L
2,2-Dichloropropane	ND	ND	ND	ND	ND	0.020	µg/L
1,1-Dichloropropene	ND	ND	ND	ND	ND	0.020	µg/L
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.020	µg/L
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.020	µg/L
Ethylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Freon 113	ND	ND	ND	ND	ND	0.020	µg/L
Hexachlorobutadiene	ND	ND	ND	ND	ND	0.020	µg/L
Isopropylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
4-Isopropyltoluene	ND	ND	ND	ND	ND	0.020	µg/L
Methylene chloride	ND	ND	ND	ND	ND	0.020	µg/L
Naphthalene	ND	ND	ND	ND	ND	0.020	µg/L
n-Propylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Styrene	ND	ND	ND	ND	ND	0.020	µg/L
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.020	µg/L
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.020	µg/L
Tetrachloroethylene	0.492	0.394	ND	0.320	0.432	0.020	µg/L
Toluene	ND	ND	ND	ND	ND	0.020	µg/L
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,1,1-Trichloroethane	ND	ND	ND	3.60	ND	0.020	µg/L
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	0.020	µg/L
Trichloroethylene	ND	ND	ND	0.442	0.154	0.020	µg/L

ND Not Detected

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	8/2/2011
Client Address:	520 West 1st Street	**JEL Ref. No.:**	B-5193
	Tustin, CA 92780	**Client Ref. No.:**	7115
Attn:	Al Fuan	**Date Sampled:**	8/2/2011
		Date Received:	8/2/2011
Project:	Universal Fullerton	**Date Analyzed:**	8/2/2011
Project Address:	1551 E. Orangethorpe Ave.	**Physical State:**	Soil Gas
	Fullerton, CA		

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID:	VEW4-5'	VEW4-15'	VEW4-25'	VEW5-5'	VEW6-5'	Practical Quantitation Limit	Units
Analytes:							
Trichlorofluoromethane	ND	ND	ND	ND	ND	0.020	µg/L
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	0.020	µg/L
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Vinyl chloride	ND	ND	ND	ND	ND	0.020	µg/L
Xylenes	ND	ND	ND	ND	ND	0.020	µg/L
MTBE	ND	ND	ND	ND	ND	0.020	µg/L
Ethyl-tert-butylether	ND	ND	ND	ND	ND	0.020	µg/L
Di-isopropylether	ND	ND	ND	ND	ND	0.020	µg/L
tert-amylmethylether	ND	ND	ND	ND	ND	0.020	µg/L
tert-Butylalcohol	ND	ND	ND	ND	ND	0.100	µg/L
TIC:							
n-propanol	ND	ND	ND	ND	ND	0.020	µg/L
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	98%	94%	71%	73%	97%	75 - 125	
Toluene-d_8	98%	92%	98%	98%	90%	75 - 125	
4-Bromofluorobenzene	103%	94%	103%	104%	101%	75 - 125	
	B1-080211-CHECKS_1	B2-080211-CHECKS_1	B1-080211-CHECKS_1	B1-080211-CHECKS_1	B2-080211-CHECKS_1		

ND= Not Detected

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	8/2/2011
Client Address:	520 West 1st Street Tustin, CA 92780	**JEL Ref. No.:** **Client Ref. No.:**	B-5193 7115
Attn:	Al Fuan	**Date Sampled:** **Date Received:**	8/2/2011 8/2/2011
Project:	Universal Fullerton	**Date Analyzed:**	8/2/2011
Project Address:	1551 E. Orangethorpe Ave. Fullerton, CA	**Physical State:**	Soil Gas

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID:	VEW6-15'	VEW6-25'	VEW17-5'	VEW18-5'	SV36-SS	Practical Quantitation Limit	Units
Analytes:							
Benzene	ND	ND	ND	ND	ND	0.020	µg/L
Bromobenzene	ND	ND	ND	ND	ND	0.020	µg/L
Bromodichloromethane	ND	ND	ND	ND	ND	0.020	µg/L
Bromoform	ND	ND	ND	ND	ND	0.020	µg/L
n-Butylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
sec-Butylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
tert-Butylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Carbon tetrachloride	ND	ND	ND	ND	ND	0.020	µg/L
Chlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
Chloroethane	ND	ND	ND	ND	ND	0.020	µg/L
Chloroform	ND	ND	ND	ND	ND	0.020	µg/L
Chloromethane	ND	ND	ND	ND	ND	0.020	µg/L
2-Chlorotoluene	ND	ND	ND	ND	ND	0.020	µg/L
4-Chlorotoluene	ND	ND	ND	ND	ND	0.020	µg/L
Dibromochloromethane	ND	ND	ND	ND	ND	0.020	µg/L
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	0.020	µg/L
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	0.020	µg/L
Dibromomethane	ND	ND	ND	ND	ND	0.020	µg/L
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
Dichlorodifluoromethane	ND	ND	ND	ND	ND	0.020	µg/L
1,1-Dichloromethane	ND	ND	ND	ND	ND	0.020	µg/L
1,2-Dichloromethane	ND	ND	ND	ND	ND	0.020	µg/L
1,1-Dichloroethene	ND	**1.48**	**0.302**	ND	ND	0.020	µg/L

ND = Not Detected

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	8/2/2011
Client Address:	520 West 1st Street	**JEL Ref. No.:**	B-5193
	Tustin, CA 92780	**Client Ref. No.:**	7115
Attn:	Al Fuan	**Date Sampled:**	8/2/2011
		Date Received:	8/2/2011
Project:	Universal Fullerton	**Date Analyzed:**	8/2/2011
Project Address:	1551 E. Orangethorpe Ave.	**Physical State:**	Soil Gas
	Fullerton, CA		

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID:	VEW6-15'	VEW6-25'	VEW17-5'	VEW18-5'	SV36-SS	Practical Quantitation Limit	Units
Analytes:							
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.020	µg/L
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.020	µg/L
1,2-Dichloropropane	ND	ND	ND	ND	ND	0.020	µg/L
1,3-Dichloropropane	ND	ND	ND	ND	ND	0.020	µg/L
2,2-Dichloropropane	ND	ND	ND	ND	ND	0.020	µg/L
1,1-Dichloropropene	ND	ND	ND	ND	ND	0.020	µg/L
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.020	µg/L
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.020	µg/L
Ethylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Freon 113	ND	ND	ND	ND	ND	0.020	µg/L
Hexachlorobutadiene	ND	ND	ND	ND	ND	0.020	µg/L
Isopropylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
4-Isopropyltoluene	ND	ND	ND	ND	ND	0.020	µg/L
Methylene chloride	ND	ND	ND	ND	ND	0.020	µg/L
Naphthalene	ND	ND	ND	ND	ND	0.020	µg/L
n-Propylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Styrene	ND	ND	ND	ND	ND	0.020	µg/L
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.020	µg/L
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.020	µg/L
Tetrachloroethylene	**0.313**	**2.18**	**2.22**	**0.402**	**3.04**	0.020	µg/L
Toluene	ND	ND	ND	ND	ND	0.020	µg/L
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,1,1-Trichloroethane	**0.286**	**3.46**	**0.636**	ND	**0.378**	0.020	µg/L
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	0.020	µg/L
Trichloroethylene	ND	**2.79**	**1.20**	**0.046**	**1.84**	0.020	µg/L

ND = Not Detected

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	8/2/2011
Client Address:	520 West 1st Street	**JEL Ref. No.:**	B-5193
	Tustin, CA 92780	**Client Ref. No.:**	7115
Attn:	Al Fuan	**Date Sampled:**	8/2/2011
		Date Received:	8/2/2011
Project:	Universal Fullerton	**Date Analyzed:**	8/2/2011
Project Address:	1551 E. Orangethorpe Ave.	**Physical State:**	Soil Gas
	Fullerton, CA		

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID:	VEW6-15'	VEW6-25'	VEW17-5'	VEW18-5'	SV36-SS	Practical Quantitation Limit	Units
Analytes:							
Trichlorofluoromethane	ND	ND	ND	ND	ND	0.020	µg/L
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	0.020	µg/L
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Vinyl chloride	ND	ND	ND	ND	ND	0.020	µg/L
Xylenes	ND	ND	ND	ND	ND	0.020	µg/L
MTBE	ND	ND	ND	ND	ND	0.020	µg/L
Ethyl-tert-butylether	ND	ND	ND	ND	ND	0.020	µg/L
Di-isopropylether	ND	ND	ND	ND	ND	0.020	µg/L
tert-amylmethylether	ND	ND	ND	ND	ND	0.020	µg/L
tert-Butylalcohol	ND	ND	ND	ND	ND	0.100	µg/L
TIC:							
n-propanol	ND	ND	ND	ND	ND	0.020	µg/L
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	87%	99%	85%	103%	92%	75 - 125	
Toluene-d_8	99%	100%	100%	102%	102%	75 - 125	
4-Bromofluorobenzene	104%	101%	104%	102%	105%	75 - 125	
	B1-080211-CHECKS_1	B2-080211-CHECKS_1	B1-080211-CHECKS_1	B2-080211-CHECKS_1	B1-080211-CHECKS_1		

ND = Not Detected

Jones Environmental, Inc.

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	8/2/2011
Client Address:	520 West 1st Street	**JEL Ref. No.:**	B-5193
	Tustin, CA 92780	**Client Ref. No.:**	7115
Attn:	Al Fuan	**Date Sampled:**	8/2/2011
		Date Received:	8/2/2011
Project:	Universal Fullerton	**Date Analyzed:**	8/2/2011
Project Address:	1551 E. Orangethorpe Ave.	**Physical State:**	Soil Gas
	Fullerton, CA		

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID:	SV37-SS	SV42-SS	SV43-SS	SV43-5'	SV43-15'	Practical Quantitation Limit	Units
Analytes:							
Benzene	ND	ND	ND	ND	ND	0.020	µg/L
Bromobenzene	ND	ND	ND	ND	ND	0.020	µg/L
Bromodichloromethane	ND	ND	ND	ND	ND	0.020	µg/L
Bromoform	ND	ND	ND	ND	ND	0.020	µg/L
n-Butylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
sec-Butylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
tert-Butylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Carbon tetrachloride	ND	ND	ND	ND	ND	0.020	µg/L
Chlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
Chloroethane	ND	ND	ND	ND	ND	0.020	µg/L
Chloroform	ND	ND	ND	ND	ND	0.020	µg/L
Chloromethane	ND	ND	ND	ND	ND	0.020	µg/L
2-Chlorotoluene	ND	ND	ND	ND	ND	0.020	µg/L
4-Chlorotoluene	ND	ND	ND	ND	ND	0.020	µg/L
Dibromochloromethane	ND	ND	ND	ND	ND	0.020	µg/L
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	0.020	µg/L
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	0.020	µg/L
Dibromomethane	ND	ND	ND	ND	ND	0.020	µg/L
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
Dichlorodifluoromethane	ND	ND	ND	ND	ND	0.020	µg/L
1,1-Dichloroethane	ND	ND	ND	ND	ND	0.020	µg/L
1,2-Dichloroethane	ND	ND	ND	ND	ND	0.020	µg/L
1,1-Dichloroethene	0.050	ND	ND	ND	ND	0.020	µg/L

ND - Not Detected

Jones Environmental, Inc.

Testing Laboratories

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	8/2/2011
Client Address:	520 West 1st Street	**JEL Ref. No.:**	B-5193
	Tustin, CA 92780	**Client Ref. No.:**	7115
Attn:	Al Fuan	**Date Sampled:**	8/2/2011
		Date Received:	8/2/2011
Project:	Universal Fullerton	**Date Analyzed:**	8/2/2011
Project Address:	1551 E. Orangethorpe Ave.	**Physical State:**	Soil Gas
	Fullerton, CA		

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID:	SV37-SS	SV42-SS	SV43-SS	SV43-5'	SV43-15'	Practical Quantitation Limit	Units
Analytes:							
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.020	µg/L
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.020	µg/L
1,2-Dichloropropane	ND	ND	ND	ND	ND	0.020	µg/L
1,3-Dichloropropane	ND	ND	ND	ND	ND	0.020	µg/L
2,2-Dichloropropane	ND	ND	ND	ND	ND	0.020	µg/L
1,1-Dichloropropene	ND	ND	ND	ND	ND	0.020	µg/L
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.020	µg/L
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.020	µg/L
Ethylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Freon 113	ND	ND	ND	ND	ND	0.020	µg/L
Hexachlorobutadiene	ND	ND	ND	ND	ND	0.020	µg/L
Isopropylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
4-Isopropyltoluene	ND	ND	ND	ND	ND	0.020	µg/L
Methylene chloride	ND	ND	ND	ND	ND	0.020	µg/L
Naphthalene	ND	ND	ND	ND	ND	0.020	µg/L
n-Propylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Styrene	ND	ND	ND	ND	ND	0.020	µg/L
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.020	µg/L
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.020	µg/L
Tetrachloroethylene	**0.070**	**0.361**	**0.744**	**0.346**	**0.102**	0.020	µg/L
Toluene	ND	ND	ND	ND	ND	0.020	µg/L
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,1,1-Trichloroethane	**0.020**	ND	ND	ND	ND	0.020	µg/L
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	0.020	µg/L
Trichloroethylene	**0.549**	ND	**0.042**	**0.066**	ND	0.020	µg/L

ND = Not Detected

Jones Environmental, Inc.

Testing Laboratories

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	8/2/2011
Client Address:	520 West 1st Street	**JEL Ref. No.:**	B-5193
	Tustin, CA 92780	**Client Ref. No.:**	7115
Attn:	Al Fuan	**Date Sampled:**	8/2/2011
		Date Received:	8/2/2011
Project:	Universal Fullerton	**Date Analyzed:**	8/2/2011
Project Address:	1551 E. Orangethorpe Ave.	**Physical State:**	Soil Gas
	Fullerton, CA		

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID:	SV37-SS	SV42-SS	SV43-SS	SV43-5'	SV43-15'	Practical Quantitation Limit	Units
Analytes:							
Trichlorofluoromethane	ND	ND	ND	ND	ND	0.020	µg/L
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	0.020	µg/L
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Vinyl chloride	ND	ND	ND	ND	ND	0.020	µg/L
Xylenes	ND	ND	ND	ND	ND	0.020	µg/L
MTBE	ND	ND	ND	ND	ND	0.020	µg/L
Ethyl-tert-butylether	ND	ND	ND	ND	ND	0.020	µg/L
Di-isopropylether	ND	ND	ND	ND	ND	0.020	µg/L
tert-amylmethylether	ND	ND	ND	ND	ND	0.020	µg/L
tert-Butylalcohol	ND	ND	ND	ND	ND	0.100	µg/L
TIC:							
n-propanol	ND	ND	ND	ND	ND	0.020	µg/L
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	99%	92%	100%	101%	96%	75 - 125	
Toluene-d_8	101%	100%	93%	93%	102%	75 - 125	
4-Bromofluorobenzene	99%	103%	98%	103%	103%	75 - 125	
	B2-080211-CHECKS_1	B1-080211-CHECKS_1	B2-080211-CHECKS_1	B2-080211-CHECKS_1	B1-080211-CHECKS_1		

ND= Not Detected

Jones Environmental, Inc.

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	8/2/2011
Client Address:	520 West 1st Street	**JEL Ref. No.:**	B-5193
	Tustin, CA 92780	**Client Ref. No.:**	7115
Attn:	Al Fuan	**Date Sampled:**	8/2/2011
		Date Received:	8/2/2011
Project:	Universal Fullerton	**Date Analyzed:**	8/2/2011
Project Address:	1551 E. Orangethorpe Ave.	**Physical State:**	Soil Gas
	Fullerton, CA		

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID:	SV43-15' DUP	Practical Quantitation Limit	Units
Analytes:			
Benzene	ND	0.020	µg/L
Bromobenzene	ND	0.020	µg/L
Bromodichloromethane	ND	0.020	µg/L
Bromoform	ND	0.020	µg/L
n-Butylbenzene	ND	0.020	µg/L
sec-Butylbenzene	ND	0.020	µg/L
tert-Butylbenzene	ND	0.020	µg/L
Carbon tetrachloride	ND	0.020	µg/L
Chlorobenzene	ND	0.020	µg/L
Chloroethane	ND	0.020	µg/L
Chloroform	ND	0.020	µg/L
Chloromethane	ND	0.020	µg/L
2-Chlorotoluene	ND	0.020	µg/L
4-Chlorotoluene	ND	0.020	µg/L
Dibromochloromethane	ND	0.020	µg/L
1,2-Dibromo-3-chloropropane	ND	0.020	µg/L
1,2-Dibromoethane (EDB)	ND	0.020	µg/L
Dibromomethane	ND	0.020	µg/L
1,2- Dichlorobenzene	ND	0.020	µg/L
1,3-Dichlorobenzene	ND	0.020	µg/L
1,4-Dichlorobenzene	ND	0.020	µg/L
Dichlorodifluoromethane	ND	0.020	µg/L
1,1-Dichloroethane	ND	0.020	µg/L
1,2-Dichloroethane	ND	0.020	µg/L
1,1-Dichloroethene	ND	0.020	µg/L

ND = Not Detected

Jones Environmental, Inc.

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	8/2/2011
Client Address:	520 West 1st Street	**JEL Ref. No.:**	B-5193
	Tustin, CA 92780	**Client Ref. No.:**	7115
Attn:	Al Fuan	**Date Sampled:**	8/2/2011
		Date Received:	8/2/2011
Project:	Universal Fullerton	**Date Analyzed:**	8/2/2011
Project Address:	1551 E. Orangethorpe Ave.	**Physical State:**	Soil Gas
	Fullerton, CA		

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID:	SV43-15' DUP	Practical Quantitation Limit	Units
Analytes:			
cis-1,2-Dichloroethene	ND	0.020	µg/L
trans-1,2-Dichloroethene	ND	0.020	µg/L
1,2-Dichloropropane	ND	0.020	µg/L
1,3-Dichloropropane	ND	0.020	µg/L
2,2-Dichloropropane	ND	0.020	µg/L
1,1-Dichloropropene	ND	0.020	µg/L
cis-1,3-Dichloropropene	ND	0.020	µg/L
trans-1,3-Dichloropropene	ND	0.020	µg/L
Ethylbenzene	ND	0.020	µg/L
Freon 113	ND	0.020	µg/L
Hexachlorobutadiene	ND	0.020	µg/L
Isopropylbenzene	ND	0.020	µg/L
4-Isopropyltoluene	ND	0.020	µg/L
Methylene chloride	ND	0.020	µg/L
Naphthalene	ND	0.020	µg/L
n-Propylbenzene	ND	0.020	µg/L
Styrene	ND	0.020	µg/L
1,1,1,2-Tetrachloroethane	ND	0.020	µg/L
1,1,2,2-Tetrachloroethane	ND	0.020	µg/L
Tetrachloroethylene	**0.094**	0.020	µg/L
Toluene	ND	0.020	µg/L
1,2,3-Trichlorobenzene	ND	0.020	µg/L
1,2,4-Trichlorobenzene	ND	0.020	µg/L
1,1,1-Trichloroethane	ND	0.020	µg/L
1,1,2-Trichloroethane	ND	0.020	µg/L
Trichloroethylene	ND	0.020	µg/L

ND Not Detected

Jones Environmental, Inc.

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	8/2/2011
Client Address:	520 West 1st Street	**JEL Ref. No.:**	B-5193
	Tustin, CA 92780	**Client Ref. No.:**	7115
Attn:	Al Fuan	**Date Sampled:**	8/2/2011
		Date Received:	8/2/2011
Project:	Universal Fullerton	**Date Analyzed:**	8/2/2011
Project Address:	1551 E. Orangethorpe Ave.	**Physical State:**	Soil Gas
	Fullerton, CA		

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID:	SV43-15' DUP	Practical Quantitation Limit	Units
Analytes:			
Trichlorofluoromethane	ND	0.020	µg/L
1,2,3-Trichloropropane	ND	0.020	µg/L
1,2,4-Trimethylbenzene	ND	0.020	µg/L
1,3,5-Trimethylbenzene	ND	0.020	µg/L
Vinyl chloride	ND	0.020	µg/L
Xylenes	ND	0.020	µg/L
MTBE	ND	0.020	µg/L
Ethyl-tert-butylether	ND	0.020	µg/L
Di-isopropylether	ND	0.020	µg/L
tert-amylmethylether	ND	0.020	µg/L
tert-Butylalcohol	ND	0.100	µg/L
TIC:			
n-propanol	ND	0.020	µg/L
Dilution Factor	1		
Surrogate Recoveries:		**QC Limits**	
Dibromofluoromethane	98%	75 - 125	
Toluene-d_8	103%	75 - 125	
4-Bromofluorobenzene	101%	75 - 125	
	B1-080211-CHECKS_1		

ND Not Detected

Jones Environmental, Inc.

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	8/2/2011
Client Address:	520 West 1st Street	**JEL Ref. No.:**	B-5193
	Tustin, CA 92780	**Client Ref. No.:**	7115
Attn:	Al Fuan	**Date Sampled:**	8/2/2011
		Date Received:	8/2/2011
Project:	Universal Fullerton	**Date Analyzed:**	8/2/2011
Project Address:	1551 E. Orangethorpe Ave.	**Physical State:**	Soil Gas
	Fullerton, CA		

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID:	METHOD BLANK	AMBIENT AIR	METHOD BLANK	Practical Quantitation Limit	Units
Analytes:					
Benzene	ND	ND	ND	0.020	µg/L
Bromobenzene	ND	ND	ND	0.020	µg/L
Bromodichloromethane	ND	ND	ND	0.020	µg/L
Bromoform	ND	ND	ND	0.020	µg/L
n-Butylbenzene	ND	ND	ND	0.020	µg/L
sec-Butylbenzene	ND	ND	ND	0.020	µg/L
tert-Butylbenzene	ND	ND	ND	0.020	µg/L
Carbon tetrachloride	ND	ND	ND	0.020	µg/L
Chlorobenzene	ND	ND	ND	0.020	µg/L
Chloroethane	ND	ND	ND	0.020	µg/L
Chloroform	ND	ND	ND	0.020	µg/L
Chloromethane	ND	ND	ND	0.020	µg/L
2-Chlorotoluene	ND	ND	ND	0.020	µg/L
4-Chlorotoluene	ND	ND	ND	0.020	µg/L
Dibromochloromethane	ND	ND	ND	0.020	µg/L
1,2-Dibromo-3-chloropropane	ND	ND	ND	0.020	µg/L
1,2-Dibromoethane (EDB)	ND	ND	ND	0.020	µg/L
Dibromomethane	ND	ND	ND	0.020	µg/L
1,2- Dichlorobenzene	ND	ND	ND	0.020	µg/L
1,3-Dichlorobenzene	ND	ND	ND	0.020	µg/L
1,4-Dichlorobenzene	ND	ND	ND	0.020	µg/L
Dichlorodifluoromethane	ND	ND	ND	0.020	µg/L
1,1-Dichloroethane	ND	ND	ND	0.020	µg/L
1,2-Dichloroethane	ND	ND	ND	0.020	µg/L
1,1-Dichloroethene	ND	ND	ND	0.020	µg/L

ND = Not Detected

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	8/2/2011
Client Address:	520 West 1st Street	**JEL Ref. No.:**	B-5193
	Tustin, CA 92780	**Client Ref. No.:**	7115
Attn:	Al Fuan	**Date Sampled:**	8/2/2011
		Date Received:	8/2/2011
Project:	Universal Fullerton	**Date Analyzed:**	8/2/2011
Project Address:	1551 E. Orangethorpe Ave.	**Physical State:**	Soil Gas
	Fullerton, CA		

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID:	METHOD BLANK	AMBIENT AIR	METHOD BLANK	Practical Quantitation Limit	Units
Analytes:					
cis-1,2-Dichloroethene	ND	ND	ND	0.020	µg/L
trans-1,2-Dichloroethene	ND	ND	ND	0.020	µg/L
1,2-Dichloropropane	ND	ND	ND	0.020	µg/L
1,3-Dichloropropane	ND	ND	ND	0.020	µg/L
2,2-Dichloropropane	ND	ND	ND	0.020	µg/L
1,1-Dichloropropene	ND	ND	ND	0.020	µg/L
cis-1,3-Dichloropropene	ND	ND	ND	0.020	µg/L
trans-1,3-Dichloropropene	ND	ND	ND	0.020	µg/L
Ethylbenzene	ND	ND	ND	0.020	µg/L
Freon 113	ND	ND	ND	0.020	µg/L
Hexachlorobutadiene	ND	ND	ND	0.020	µg/L
Isopropylbenzene	ND	ND	ND	0.020	µg/L
4-Isopropyltoluene	ND	ND	ND	0.020	µg/L
Methylene chloride	ND	ND	ND	0.020	µg/L
Naphthalene	ND	ND	ND	0.020	µg/L
n-Propylbenzene	ND	ND	ND	0.020	µg/L
Styrene	ND	ND	ND	0.020	µg/L
1,1,1,2-Tetrachloroethane	ND	ND	ND	0.020	µg/L
1,1,2,2-Tetrachloroethane	ND	ND	ND	0.020	µg/L
Tetrachloroethylene	ND	ND	ND	0.020	µg/L
Toluene	ND	ND	ND	0.020	µg/L
1,2,3-Trichlorobenzene	ND	ND	ND	0.020	µg/L
1,2,4-Trichlorobenzene	ND	ND	ND	0.020	µg/L
1,1,1-Trichloroethane	ND	ND	ND	0.020	µg/L
1,1,2-Trichloroethane	ND	ND	ND	0.020	µg/L
Trichloroethylene	ND	ND	ND	0.020	µg/L

ND = Not Detected

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	8/2/2011
Client Address:	520 West 1st Street	**JEL Ref. No.:**	B-5193
	Tustin, CA 92780	**Client Ref. No.:**	7115
Attn:	Al Fuan	**Date Sampled:**	8/2/2011
		Date Received:	8/2/2011
Project:	Universal Fullerton	**Date Analyzed:**	8/2/2011
Project Address:	1551 E. Orangethorpe Ave.	**Physical State:**	Soil Gas
	Fullerton, CA		

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID:	METHOD BLANK	AMBIENT AIR	METHOD BLANK	Practical Quantitation Limit	Units
Analytes:					
Trichlorofluoromethane	ND	ND	ND	0.020	µg/L
1,2,3-Trichloropropane	ND	ND	ND	0.020	µg/L
1,2,4-Trimethylbenzene	ND	ND	ND	0.020	µg/L
1,3,5-Trimethylbenzene	ND	ND	ND	0.020	µg/L
Vinyl chloride	ND	ND	ND	0.020	µg/L
Xylenes	ND	ND	ND	0.020	µg/L
MTBE	ND	ND	ND	0.020	µg/L
Ethyl-tert-butylether	ND	ND	ND	0.020	µg/L
Di-isopropylether	ND	ND	ND	0.020	µg/L
tert-amylmethylether	ND	ND	ND	0.020	µg/L
tert-Butylalcohol	ND	ND	ND	0.100	µg/L
TIC:					
n-propanol	ND	ND	ND	0.020	µg/L
Dilution Factor	1	1	1		
Surrogate Recoveries:				QC Limits	
Dibromofluoromethane	79%	100%	80%	75 - 125	
Toluene-d_8	101%	102%	94%	75 - 125	
4-Bromofluorobenzene	106%	104%	93%	75 - 125	
	B1-080211-CHECKS_1	B1-080211-CHECKS_1	B2-080211-CHECKS_1		

ND- Not Detected

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JONES ENVIRONMENTAL
QUALITY CONTROL INFORMATION

Client:	The Reynolds Group	**Report date:**	8/2/2011
Client Address:	520 West 1st Street	**JEL Ref. No.:**	B-5193
	Tustin, CA 92780	**Client Ref. No.:**	7115
Attn:	Al Fuan	**Date Sampled:**	8/2/2011
		Date Received:	8/2/2011
Project:	Universal Fullerton	**Date Analyzed:**	8/2/2011
Project Address:	1551 E. Orangethorpe Ave.	**Physical State:**	Soil Gas
	Fullerton, CA		

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample Spiked: Ambient Air **GC#:** B1-080211-CHECKS_1

Parameter	MS Recovery (%)	MSD Recovery (%)	RPD	Acceptability Range (%)	LCS	Acceptability Range (%)
1,1-Dichloroethylene	78%	76%	2.7%	70-130	85%	70-130
Benzene	98%	97%	1.7%	70-130	102%	70-130
Trichloroethylene	94%	92%	2.0%	70-130	106%	70-130
Toluene	100%	90%	11.0%	70-130	95%	70-130
Chlorobenzene	97%	94%	2.5%	70-130	102%	70-130
Surrogate Recovery:						
Dibromofluoromethane	91%	98%		75-125	96%	75-125
Toluene-d_8	100%	100%		75-125	102%	75-125
4-Bromofluorobenzene	105%	102%		75-125	95%	75-125

Method Blank = Not Detected

MS = Matrix Spike
MSD = Matrix Spike Duplicate
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

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JONES ENVIRONMENTAL
QUALITY CONTROL INFORMATION

Client:	The Reynolds Group	**Report date:**	8/2/2011
Client Address:	520 West 1st Street	**JEL Ref. No.:**	B-5193
	Tustin, CA 92780	**Client Ref. No.:**	7115
Attn:	Al Fuan	**Date Sampled:**	8/2/2011
		Date Received:	8/2/2011
Project:	Universal Fullerton	**Date Analyzed:**	8/2/2011
Project Address:	1551 E. Orangethorpe Ave.	**Physical State:**	Soil Gas
	Fullerton, CA		

EPA 8260B-Volatile Organics by GC/MS – Oxygenates

Sample Spiked: Ambient Air **GC#:** B2-080211-CHECKS 1

Parameter	MS Recovery (%)	MSD Recovery (%)	RPD	Acceptability Range (%)	LCS	Acceptability Range (%)
1,1-Dichloromethylene	103%	104%	0.7%	70-130	118%	70-130
Benzene	103%	100%	3.5%	70-130	108%	70-130
Trichloroethylene	95%	98%	3.8%	70-130	105%	70-130
Toluene	84%	83%	1.8%	70-130	104%	70-130
Chlorobenzene	85%	86%	1.2%	70-130	95%	70-130
Surrogate Recovery:						
Dibromofluoromethane	91%	107%		75-125	96%	75-125
Toluene-d_8	91%	93%		75-125	95%	75-125
4-Bromofluorobenzene	93%	97%		75-125	99%	75-125

Method Blank – Not Detected

MS = Matrix Spike
MSD = Matrix Spike Duplicate
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

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Chain-of-Custody Record

Client: The Reynolds Group
Date: 8/2/11
Project Name: Fullerton University
Client Project #: 7115
Project Address: 1551 E. Orangethorpe Ave
Fullerton, CA
Project Contact: A. Frum

Turn Around Requested:
- ☐ Immediate Attention
- ☐ Rush 24-48 Hours
- ☐ Rush 72-96 Hours
- ☐ Normal
- ☒ Mobile Lab

SOIL GAS
Purge Number: ☒ 1P ☐ 3P ☐ 7P ☐ 10P
Tracer:
Purge Rate: ~200 cc/min
Shut In Test (Y) / N

Analysis Requested

JEL Project #: B-5193
Page 1 of 3

Lab Use Only
Sample Condition as Received.
Chilled ☐ yes ☒ no
Sealed ☐ yes ☐ no

Sample ID	Purge Number	Purge Volume	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample Number	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)	EPA 8260 B (Full)			Barometric Pressure (in/Hg)	Number of Containers	Remarks/Special Instructions
VEW3-15' 1P	1	9267	8/2/11	07:25		B-5193-1	SG	X				1	Glass Gas Tight Syringe
VEW3-15' 3P	3	27801	8/2/11	07:39		B-5193-2	SG	X				1	
VEW3-15' 7P	7	64869	8/2/11	07:56		B-5193-3	SG	X				1	
VEW3-5'	1	9022	8/2/11	08:32		B-5193-4	SG	X				1	
VEW3-25'	1	9505	8/2/11	08:39		B-5193-5	SG	X				1	
VEW4-5'	1	9022	8/2/11	08:56		B-5193-6	SG	X				1	
VEW4-15'	1	9267	8/2/11	09:00		B-5193-7	SG	X				1	
VEW4-25'	1	9505	8/2/11	09:13		B-5193-8	SG	X				1	
VEW5-5'	1	9022	8/2/11	09:33		B-5193-9	SG	X				1	
VEW6-5'	1	9022	8/2/11	09:46		B-5193-10	SG	X				1	

1 Relinquished by (signature)	Date 8/2/11	2 Received by (signature)	Date 8/2/11	Total Number of Containers
Company TRG	Time 11:55	Company JEL	Time 11:55	The delivery of samples and the signature on this Chain of Custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.
3 Relinquished by (signature)	Date	4 Received by Laboratory (signature)	Date	
Company	Time	Company	Time	

JONES ENVIRONMENTAL TESTING LABORATORIES

P.O. Box 5387
Fullerton, CA 92838
(714) 449-9937
Fax (714) 449-9685
www.jonesenvironmentallab.com

Chain-of-Custody Record

Client: The Reynolds Group
Date: 8/2/11
Project Name: Universal Fullerton
Client Project #: 7115
Project Address: 1551 E. Orangethorpe Ave, Fullerton, CA
Project Contact: Al Fran

Turn Around Requested:
- ☐ Immediate Attention
- ☐ Rush 24-48 Hours
- ☐ Rush 72-96 Hours
- ☐ Normal
- ☒ Mobile Lab

SOIL GAS
Purge Number: ☒ 1P ☐ 3P ☐ 7P ☐ 10P
Tracer: ____
Purge Rate: ~200 cc/min
Shut in Test: (Y) / N

JEL Project #: B-5193
Page 2 of 3

Lab Use Only
Sample Condition as Received:
Chilled ☐ yes ☒ no
Sealed ☒ yes ☐ no

Analysis Requested

Sample ID	Purge Number	Purge Volume	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample Number	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)	8260B (Gas)				Manometric Pressure (InH2O)	Number of Containers	Remarks/Special Instructions
VEW6-15'	1	9267	8/2/11	09:53		B-5193-11	SG	X					1	Glass Gas Tight Syringe
VEW6-25	1	8505	8/2/11	10:03		B-5193-12	SG	X					1	
VEW17-5'	1	9022	8/2/11	10:11		B-5193-13	SG	X					1	
VEW18-5'	1	9022	8/2/11	10:24		B-5193-14	SG	X					1	
SV36-55	3	300	8/2/11	10:32		B-5193-15	SG	X					1	
SV37-55	3	300	8/2/11	10:42		B-5193-16	SG	X					1	
SV42-55	3	300	8/2/11	10:53		B-5193-17	SG	X					1	
SV43-55	3	300	8/2/11	11:00		B-5193-18	SG	X					1	
SV43-5'	1	542	8/2/11	11:24		B-5193-19	SG	X					1	
SV43-15	1	676	8/2/11	11:19		B-5193-20	SG	X					1	

❶ Relinquished by (signature): [signature]	Date: 8/2/11	❷ Received by (signature): [signature]	Date: 8/2/11
Company: TRG	Time: 11:55	Company: JEL	Time: 11:55
❸ Relinquished by (signature):	Date:	❹ Received by Laboratory (signature):	Date:
Company:	Time:	Company:	Time:

Total Number of Containers:

The delivery of samples and the signature on this Chain of Custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

JONES ENVIRONMENTAL TESTING LABORATORIES
P.O. Box 5387
Fullerton, CA 92838
(714) 449-9937
Fax (714) 449-9685
www.jonesenvironmentallab.com

Chain-of-Custody Record

Client: THE REYNOLDS GROUP
Date: 8/2/11
Project Name: UNIVERSAL FULLERTON
Client Project #: 7115
Project Address: 1551 E. ORANGETHORPE AVE, FULLERTON, CA
Project Contact: AL FUAN

SOIL GAS
Purge Number: ~~1P~~ ~~3P~~ ☐ 7P ☐ 10P
Tracer: ________
Purge Rate: ~200 cc/min
Shut in Test (Y) N

Turn Around Requested:
☐ Immediate Attention
☐ Rush 24-48 Hours
☐ Rush 72-96 Hours
☐ Normal
☒ Mobile Lab

Analysis Requested

JEL Project #: B-5193
Page 3 of 3

Lab Use Only
Sample Condition as Received:
Chilled ☐ yes ☐ no
Sealed ☐ yes ☐ no

Sample ID	Purge Number	Purge Volume	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample Number	Sample Matrix Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)	EPA 8260 (Mobile)					Magnehelic Pressure (inH2O)	Number of Containers	Remarks/Special Instructions
SV43-15 DUP	1	676	8/2/11	11:20		B-5193-21	SG	X						1	Glass Gas Tight Syringe

① Relinquished by (signature)	Date	② Received by (signature)	Date
[signature]	8/2/11	[signature]	8/2/11
Company: TRG	Time: 11:55	Company: JEL	Time: 11:55
③ Relinquished by (signature)	Date	④ Received by Laboratory (signature)	Date
Company	Time	Company	Time

Total Number of Containers

The delivery of samples and the signature on this Chain of Custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

CHAIN OF CUSTODY
County of Orange Health Care Agency
Environmental Health Division
1241 E. Dyer Rd., Ste. 120, Santa Ana, CA 92705
Telephone: (714) -33-6000 / FAX: (714) 754-1768

1. ALL SAMPLES ARE TO BE HANDLED AS COURT EVIDENCE, AND ARE TO BE PROPERLY STORED IN A SECURE LOCATION.
2. PLEASE WRITE LEGIBLY.
3. ATTACH THIS FORM TO THE ORIGINAL REPORT OF THE ANALYTICAL RESULTS AND RETURN THEM TO THIS OFFICE. LABORATORY RESULTS RECEIVED WITHOUT PROPER CHAIN OF CUSTODY DOCUMENTATION WILL NOT BE ACCEPTED.

4. TO BE COMPLETED BY LABORATORY ANALYST

LAB NO.: B5193
DATE RECEIVED: 8/2/11
SAMPLE(S) CONDITION (PLEASE CHECK):
CHILLED: ____ COUNTY SEAL(S) INTACT: ____
CONTAINER IN GOOD CONDITION: ____
DATE ANALYSIS COMPLETED: 8/2/11
ANALYST: Steve Jones

5. TO BE COMPLETED BY SAMPLE COLLECTOR

SITE NAME/ADDRESS: Full. Brewers Park North Orangethorpe Ave., Fullerton
DATE OF COLLECTION: 08/02/2011
SAMPLE COLLECTOR/COMPANY: Al Fr[illegible] Steve Jones
TELEPHONE NO.:
HCA REPRESENTATIVE: Luis Rodriguez

6.

SAMPLE NUMBER	DETERMINATION REQUESTED	SAMPLE DESCRIPTION/COMMENTS	TIME OF COLLECTION
VEW-3-5' -3-15'	EPA Method 8260B	Soil gas probes for verif. sampling -	7:45
-3-25' VEW-4-5'		north area by Jones Environmental	
-4-15' -4-25'			
VEW-5-5' VEW-6-5'	SV-36 (5') -37 (5')		
-6-15' -6-25'	SV-42 (5') -43 (5')		
VEW-17-5' VEW-19-5'	SV-43-5' -43-15'		
			9:20

7. **CHAIN OF CUSTODY**

	SIGNATURE	COMPANY/AGENCY	INCLUSIVE DATES/TIMES
1.	[signature]	PHS-HCA-EH	08/02/11 7:00 Am 11:27
2.	[signature]	JEL	8/2/11 11:30
3.			
4.			
5.			
6.			

#2

F272-8.153 1(R6/89)

WHITE-RETURN THIS COPY TO ENVIRONMENTAL HEALTH, CANARY-LABORATORY COPY
PINK-CONTRACTOR/CONSULTANT COPY, GOLDENROD-OFFICE COPY

May 21, 2010
(TRG No. 7115)

Mr. Luis Lodrigueza
ORANGE COUNTY HEALTH CARE AGENCY
ENVIRONMENTAL HEALTH
1241 E. Dyer Road Suite 120
Santa Ana, CA 92705-5611

THE REYNOLDS GROUP
a California corporation

SITE: **FULLERTON BUSINESS PARK NORTH**
(FORMER OCHCA #94IC29)
1551 EAST ORANGETHORPE AVENUE
FULLERTON, CALIFORNIA

SUBJECT: SOIL VAPOR REBOUND TEST RESULTS

Dear Mr. Lodrigueza:

As directed in your e-mail dated April 9, 2010, The Reynolds Group (TRG) performed another soil vapor rebound test at the Site on April 27 and 28, 2010, at the subject Site. The soil vapor extraction (SVE) system has been off since March 11, 2010.

TRG collected vapor rebound samples at varying depths from 26 sampling points throughout the Site (see Figure 1 – Site Plan with Probe and Well Locations and Table 1 – Summary of Verification and Rebound Sample Results).

Please review the enclosed results and let me know if we can move forward with verification sampling or if additional remediation is necessary. I can be reached directly at 714-920-9312 (cell) or by e-mail to fuan@reynolds-group.com . Thank you for your assistance with this case.

Sincerely,
THE REYNOLDS GROUP
a California corporation by:

Alejandro Fuan
Project Manager

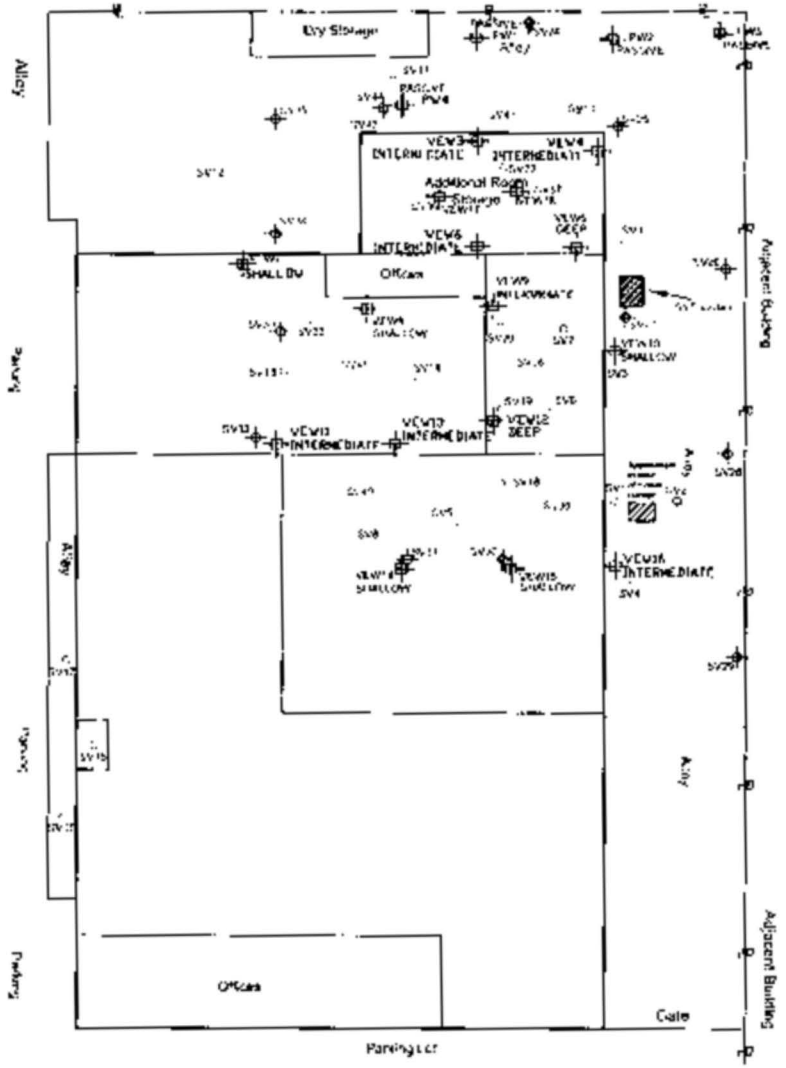
RECEIVED HCA
MAY 26 2010
ENVIRONMENTAL HLTH

Attachments:

Table 1 – Summary of Verification/Rebound Sample Results
Site Plot Plan with Probe and Well Locations
Laboratory Analytical Results from April 27-28, 2010

cc: Dominick Baione, **UNIVERSAL MOLDING EXTRUSION COMPANY** c/o
James McFadden, **GRUBB & ELLIS**
Jack Glaser, **GLASER, TONSICH & ASSOCIATES, LLP**

Former Johnson Controls



NORTH

General Notes

Project Details

Name

Address

Number

Figure Details

Figure #

Revised Date

Scale

Company Information

Address

Telephone

Fax

by HERCULES GROUP

TABLE 3
SUMMARY OF VERIFICATION / REBOUND SAMPLE RESULTS
APRIL 2010
1451 E. ORANGETHORPE AVENUE
FULLERTON, CALIFORNIA
(Results in Micrograms per Liter, µg/L)

Sample ID and Depth (feet)	Date	PCE	TCE	1,1,1-TCA	1,1-DCA	1,2-DCA	1,1-DCE	Cis-1,2-DCE	Tert-Butyl Methyl Ether	Freon-113	Benzene	Toluene	Ethyl benzene	Xylenes	1,2,4-Trimethyl benzene	Chloroform	Tert Butyl Alcohol
		EPA Method 8260B															
[illegible]	[illegible]	0.458	<0.02	0.076	<0.02	<0.02	<0.02	[illegible]	[illegible]	[illegible]	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	0.141	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.093	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	1.45	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

NOTES: [illegible]
[illegible]
[illegible]
[illegible]

TABLE 1 (CONTINUED)

SUMMARY OF [illegible] GROUNDWATER SAMPLE RESULTS

APRIL 2010

[illegible] ORANGETHORPE AVENUE

FULLERTON, CALIFORNIA

(Results in Micrograms per Liter, µg/L)

Sample ID and Depth (feet)	Date	PCE	TCE	1,1,1-TCA	1,1-DCA	1,2-DCA	1,1-DCE	cis-1,2-DCE	Trichloro fluoro methane	Freon 113	Benzene	Toluene	Ethyl benzene	Xylenes	1,3,5 Trimethyl benzene	Chloro form	Tert Butyl Alcohol
									EPA Method 8260B								
[illegible]	[illegible]	0.307	[illegible]	[illegible]	[illegible]	[illegible]	1.16	[illegible]	[illegible]	0.346	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	0.433	[illegible]	[illegible]	1.18	[illegible]	[illegible]	0.346	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	04/27/10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	0.512	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	4.66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	1.12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	92.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Notes: [illegible]

TABLE 1 (CONTINUED)
SUMMARY OF VERIFICATION [illegible] SAMPLE RESULTS
APRIL 2010
[illegible] E. ORANGETHORPE AVENUE
FULLERTON, CALIFORNIA
(Results in Micrograms per Liter, µg/L)

Sample ID and Depth (feet)	Date	PCE	TCE	1,1,1-TCA	1,1-DCA	1,2-DCA	1,1-DCE	[illegible] DCE	[illegible] methane	Freon 113	Benzene	Toluene	Ethyl benzene	Xylenes	[illegible]	[illegible]	[illegible]
									EPA Method [illegible]								
VEW7-15	04/28/10	<0.02	<0.02	<0.02	<0.02	<0.02	<0.09	<0.02	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
[illegible]	[illegible]	2.5	0.195	0.113	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	<0.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	1.22	0.101	0.225	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	<0.02	[illegible]
[illegible]	[illegible]	[illegible]	0.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	<0.02	<0.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
VEW9-15	[illegible]	1.58	0.081	0.274	<0.02	<0.02	0.39	<0.02	[illegible]	0.018	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	[illegible]
VEW9-15	04/27/10	0.02	0.05	0.64	0.02	<0.02	0.565	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	0.178	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	04/27/1[illegible]	[illegible]	0.507	1.56	[illegible]	[illegible]	[illegible]	[illegible]	0.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
VEW11-[illegible]	[illegible]	[illegible]	0.485	0.43	<0.02	<0.02	[illegible]	[illegible]	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
VEW11-[illegible]	04/27/10	<0.02	0.03	<0.02	<0.02	<0.02	0.153	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	[illegible]	<0.02	<0.02
[illegible]	[illegible]	0.984	1.01	0.136	[illegible]	[illegible]	1.25	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
VEW12-15	[illegible]	[illegible]	[illegible]	[illegible]	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	[illegible]
VEW12-[illegible]	04/27/10	[illegible]	[illegible]	[illegible]	<0.02	<0.02	[illegible]	<0.02	<0.02	<0.02	[illegible]	<0.02	<0.02	<0.02	<0.02	<0.02	[illegible]
[illegible]	[illegible]	0.918	4.91	3.15	[illegible]	[illegible]	8.52	[illegible]	0.130	0.624	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	5.51	3.62	5.14	[illegible]	[illegible]	0.477	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
VEW15-15	[illegible]	[illegible]	[illegible]	[illegible]	<0.02	<0.02	[illegible]	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	[illegible]
VEW15-1[illegible]	04/27/10	<0.02	[illegible]	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	[illegible]
[illegible]	[illegible]	6.57	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
VEW16-15	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	<0.02	[illegible]	[illegible]	[illegible]	7.81	<0.02	<0.02	<0.02	<0.02	<0.02	[illegible]	[illegible]
VEW16-15	04/27/10	<0.02	<0.02	<0.02	<0.02	<0.02	<0.027	<0.02	<0.02	<0.02	[illegible]	<0.02	<0.02	<0.02	<0.02	[illegible]	[illegible]
[illegible]	[illegible]	10.6	36.5	140	0.821	[illegible]	12.9	140	[illegible]	7.57	0.033	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	<0.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Notes: [illegible]
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[illegible]
[illegible]

Jones Environmental, Inc.

Testing Laboratories

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(714) 449-9937 • FAX (714) 449-9685

JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	4/27/2010
Client Address:	P.O. Box 1996 Tustin, CA 92681-1996	**JEL Ref. No.:**	B-4999
		Client Ref. No.:	7115
Attn:	Alejandro Fuan	**Date Sampled:**	4/27/2010
		Date Received:	4/27/2010
Project:	Fullerton Universal	**Date Analyzed:**	4/27/2010
Project Address:	1551 E. Orangethorpe Fullerton, CA	**Physical State:**	Soil Gas

RECEIVED
MAY 4 2010
By

ANALYSES REQUESTED

1. EPA 8260B- Volatile Organics by GC/MS – Oxygenates

Sampling - Soil Gas samples are collected in glass gas-tight syringes equipped with Teflon plungers. Tubing placed in the ground for soil gas sampling is purged three different times as recommended by DTSC/RWQCB regulations. This purge test determines how many purges of the soil gas tubing are needed throughout the project. One, three and seven purge volumes were analyzed to make this determination.

A tracer gas, n-Propanol, was placed at the tubing-surface interface before sampling. This compound is analyzed during the 8260B analytical run to determine if there are surface leaks into the subsurface due to improper installation of the probe. No n-Propanol was found in any of the samples reported herein.

The sampling rate was approximately 200 cc/min except when noted differently on the chain of custody record using a gas tight syringe. 3 purge volumes were used since this purging level gave the highest results for the compound(s) of greatest interest.

Analytical – Soil Gas samples were analyzed using EPA Method 8260 that includes extra compounds required by DTSC/RWQCB (such as Freon 113). Instrument Continuing Calibration Verification , QC Reference Standards, Instrument Blanks and Ambient Air Blanks are analyzed every 12 hours as prescribed by the method. In addition, Matrix Spike (MS) and Matrix Spike Duplicates (MSD) are analyzed with each batch of Soil Gas samples. A duplicate sample is analyzed each day of the sampling activity.

All samples were analyzed within 30 minutes of sampling.

Approval:

Steve Jones, Ph.D.
Laboratory Manager

Jones Environmental, Inc.
Testing Laboratories
P.O. Box 5387 • Fullerton, CA

JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	4/27/2010
Client Address:	P.O. Box 1996 Tustin, CA 92681-1996	**JEL Ref. No.:**	B-4999
		Client Ref. No.:	7115
Attn:	Alejandro Fuan	**Date Sampled:**	4/27/2010
		Date Received:	4/27/2010
Project:	Fullerton Universal	**Date Analyzed:**	4/27/2010
Project Address:	1551 E. Orangethorpe Fullerton, CA	**Physical State:**	Soil Gas

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID: Analytes:	SV30-5	SV30-15	SV31-5	SV31-15	SV38-SS	Practical Quantitation Limit	Units
Benzene	ND	ND	ND	ND	ND	0.020	μg/L
Bromobenzene	ND	ND	ND	ND	ND	0.020	μg/L
Bromodichloromethane	ND	ND	ND	ND	ND	0.020	μg/L
Bromoform	ND	ND	ND	ND	ND	0.020	μg/L
n-Butylbenzene	ND	ND	ND	ND	ND	0.020	μg/L
sec-Butylbenzene	ND	ND	ND	ND	ND	0.020	μg/L
tert-Butylbenzene	ND	ND	ND	ND	ND	0.020	μg/L
Carbon tetrachloride	ND	ND	ND	ND	ND	0.020	μg/L
Chlorobenzene	ND	ND	ND	ND	ND	0.020	μg/L
Chloroethane	ND	ND	ND	ND	ND	0.020	μg/L
Chloroform	ND	ND	ND	ND	ND	0.020	μg/L
Chloromethane	ND	ND	ND	ND	ND	0.020	μg/L
2-Chlorotoluene	ND	ND	ND	ND	ND	0.020	μg/L
4-Chlorotoluene	ND	ND	ND	ND	ND	0.020	μg/L
Dibromochloromethane	ND	ND	ND	ND	ND	0.020	μg/L
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	0.020	μg/L
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	0.020	μg/L
Dibromomethane	ND	ND	ND	ND	ND	0.020	μg/L
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	0.020	μg/L
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	0.020	μg/L
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	0.020	μg/L
Dichlorodifluoromethane	ND	ND	ND	ND	ND	0.020	μg/L
1,1-Dichloroethane	ND	ND	ND	ND	ND	0.020	μg/L
1,2-Dichloroethane	ND	ND	ND	ND	ND	0.020	μg/L
1,1-Dichloroethene	ND	0.360	ND	ND	0.941	0.020	μg/L

ND = Not Detected

Jones Environmental, Inc.
Testing Laboratories

JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	4/27/2010
Client Address:	P.O. Box 1996	**JEL Ref. No.:**	B-4999
	Tustin, CA 92681-1996	**Client Ref. No.:**	7115
Attn:	Alejandro Fuan	**Date Sampled:**	4/27/2010
		Date Received:	4/27/2010
Project:	Fullerton Universal	**Date Analyzed:**	4/27/2010
Project Address:	1551 E. Orangethorpe	**Physical State:**	Soil Gas
	Fullerton, CA		

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID:	SV30-5	SV30-15	SV31-5	SV31-15	SV38-SS	Practical Quantitation Limit	Units
Analytes:							
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.020	µg/l
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.020	µg/L
1,2-Dichloropropane	ND	ND	ND	ND	ND	0.020	µg/L
1,3-Dichloropropane	ND	ND	ND	ND	ND	0.020	µg/L
2,2-Dichloropropane	ND	ND	ND	ND	ND	0.020	µg/L
1,1-Dichloropropene	ND	ND	ND	ND	ND	0.020	µg/L
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.020	µg/L
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.020	µg/L
Ethylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Freon 113	ND	ND	ND	ND	ND	0.020	µg/l
Hexachlorobutadiene	ND	ND	ND	ND	ND	0.020	µg/L
Isopropylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
4-Isopropyltoluene	ND	ND	ND	ND	ND	0.020	µg/L
Methylene chloride	ND	ND	ND	ND	ND	0.020	µg/L
Naphthalene	ND	ND	ND	ND	ND	0.020	µg/L
n-Propylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Styrene	ND	ND	ND	ND	ND	0.020	µg/L
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.020	µg/L
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.020	µg/L
Tetrachloroethylene	ND	**0.446**	ND	**0.354**	**0.198**	0.020	µg/L
Toluene	ND	ND	ND	ND	ND	0.020	µg/L
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,1,1-Trichloroethane	ND	**1.06**	ND	ND	**9.55**	0.020	µg/L
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	0.020	µg/L
Trichloroethylene	ND	**1.35**	ND	**0.570**	**0.618**	0.020	µg/L

ND = Not Detected

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Testing Laboratories
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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	4/27/2010
Client Address:	P.O. Box 1996 Tustin, CA 92681-1996	**JEL Ref. No.:**	B-4999
		Client Ref. No.:	7115
Attn:	Alejandro Fuan	**Date Sampled:**	4/27/2010
		Date Received:	4/27/2010
Project:	Fullerton Universal	**Date Analyzed:**	4/27/2010
Project Address:	1551 E. Orangethorpe Fullerton, CA	**Physical State:**	Soil Gas

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID: / Analytes:	SV30-5	SV30-15	SV31-5	SV31-15	SV38-SS	Practical Quantitation Limit	Units
Trichlorofluoromethane	ND	ND	ND	ND	ND	0.020	μg/L
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	0.020	μg/L
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	0.020	μg/L
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	0.020	μg/L
Vinyl chloride	ND	ND	ND	ND	ND	0.020	μg/L
Xylenes	ND	ND	ND	ND	ND	0.020	μg/L
MTBE	ND	ND	ND	ND	ND	0.020	μg/L
Ethyl-tert-butylether	ND	ND	ND	ND	ND	0.020	μg/L
Di-isopropylether	ND	ND	ND	ND	ND	0.020	μg/L
tert-amylmethylether	ND	ND	ND	ND	ND	0.020	μg/L
tert-Butylalcohol	ND	ND	ND	ND	ND	0.100	μg/L
TIC:							
n-Propanol	ND	ND	ND	ND	ND	0.020	μg/L
Dilution Factor	1	1	1	1	1		
Surrogate Recovery:						**QC Limits**	
Dibromofluoromethane	96%	103%	98%	109%	--♦♦	75 - 125	
Toluene-d_8	97%	100%	100%	97%	100%	75 - 125	
4-Bromofluorobenzene	98%	102%	97%	103%	87%	75 - 125	
	B2-042710-CHECKS_1	B2-042710-CHECKS_1	B2-042710-CHECKS_1	B1-042710-CHECKS_1	B2-042710-CHECKS_1		

ND- Not Detected

♦♦ = Analyte concentration prevents adequate surrogate recovery

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	4/27/2010
Client Address:	P.O. Box 1996	**JEL Ref. No.:**	B-4999
	Tustin, CA 92681-1996	**Client Ref. No.:**	7115
Attn:	Alejandro Fuan	**Date Sampled:**	4/27/2010
		Date Received:	4/27/2010
Project:	Fullerton Universal	**Date Analyzed:**	4/27/2010
Project Address:	1551 E. Orangethorpe	**Physical State:**	Soil Gas
	Fullerton, CA		

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID:	SV37-SS	SV36-SS	SV32-5	SV32-15	SV33-5	Practical Quantitation Limit	Units
Analytes:							
Benzene	ND	ND	ND	ND	ND	0.020	µg/L
Bromobenzene	ND	ND	ND	ND	ND	0.020	µg/L
Bromodichloromethane	ND	ND	ND	ND	ND	0.020	µg/L
Bromoform	ND	ND	ND	ND	ND	0.020	µg/L
n-Butylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
sec-Butylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
tert-Butylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Carbon tetrachloride	ND	ND	ND	ND	ND	0.020	µg/L
Chlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
Chloroethane	ND	ND	ND	ND	ND	0.020	µg/L
Chloroform	ND	ND	ND	ND	ND	0.020	µg/L
Chloromethane	ND	ND	ND	ND	ND	0.020	µg/L
2-Chlorotoluene	ND	ND	ND	ND	ND	0.020	µg/L
4-Chlorotoluene	ND	ND	ND	ND	ND	0.020	µg/L
Dibromochloromethane	ND	ND	ND	ND	ND	0.020	µg/L
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	0.020	µg/L
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	0.020	µg/L
Dibromomethane	ND	ND	ND	ND	ND	0.020	µg/L
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
Dichlorodifluoromethane	ND	ND	ND	ND	ND	0.020	µg/L
1,1-Dichloroethane	ND	ND	ND	ND	ND	0.020	µg/L
1,2-Dichloroethane	ND	ND	ND	ND	ND	0.020	µg/L
1,1-Dichloroethene	1.18	0.527	ND	ND	ND	0.020	µg/L

ND = Not Detected

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	4/27/2010
Client Address:	P.O. Box 1996 Tustin, CA 92681-1996	**JEL Ref. No.:**	B-4999
		Client Ref. No.:	7115
Attn:	Alejandro Fuan	**Date Sampled:**	4/27/2010
		Date Received:	4/27/2010
Project:	Fullerton Universal	**Date Analyzed:**	4/27/2010
Project Address:	1551 E. Orangethorpe Fullerton, CA	**Physical State:**	Soil Gas

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID:	SV37-SS	SV36-SS	SV32-5	SV32-15	SV33-5	Practical Quantitation Limits	Units
Analytes:							
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.020	µg/L
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.020	µg/L
1,2-Dichloropropane	ND	ND	ND	ND	ND	0.020	µg/L
1,3-Dichloropropane	ND	ND	ND	ND	ND	0.020	µg/L
2,2-Dichloropropane	ND	ND	ND	ND	ND	0.020	µg/L
1,1-Dichloropropene	ND	ND	ND	ND	ND	0.020	µg/L
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.020	µg/L
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.020	µg/L
Ethylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Freon 113	ND	ND	ND	ND	ND	0.020	µg/L
Hexachlorobutadiene	ND	ND	ND	ND	ND	0.020	µg/L
Isopropylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
4-Isopropyltoluene	ND	ND	ND	ND	ND	0.020	µg/L
Methylene chloride	ND	ND	ND	ND	ND	0.020	µg/L
Naphthalene	ND	ND	ND	ND	ND	0.020	µg/L
n-Propylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Styrene	ND	ND	ND	ND	ND	0.020	µg/L
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.020	µg/L
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.020	µg/L
Tetrachloroethylene	**0.933**	**9.87**	ND	**0.115**	ND	0.020	µg/L
Toluene	ND	ND	ND	ND	ND	0.020	µg/L
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,1,1-Trichloroethane	**0.443**	**1.38**	ND	ND	ND	0.020	µg/L
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	0.020	µg/L
Trichloroethylene	**1.67**	**12.5**	ND	ND	ND	0.020	µg/L

ND = Not Detected

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[illegible]

JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	4/27/2010
Client Address:	P.O. Box 1996 Tustin, CA 92681-1996	**JEL Ref. No.:**	B-4999
		Client Ref. No.:	7115
Attn:	Alejandro Fuan	**Date Sampled:**	4/27/2010
		Date Received:	4/27/2010
Project:	Fullerton Universal	**Date Analyzed:**	4/27/2010
Project Address:	1551 E. Orangethorpe Fullerton, CA	**Physical State:**	Soil Gas

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID:	SV37-SS	SV36-SS	SV32-5	SV32-15	SV33-5	Practical Quantitation Limits	Units
Analytes:							
Trichlorofluoromethane	ND	ND	ND	ND	ND	0.020	µg/L
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	0.020	µg/L
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Vinyl chloride	ND	ND	ND	ND	ND	0.020	µg/L
Xylenes	ND	ND	ND	ND	ND	0.020	µg/L
MTBE	ND	ND	ND	ND	ND	0.020	µg/L
Ethyl-tert-butylether	ND	ND	ND	ND	ND	0.020	µg/L
Di-isopropylether	ND	ND	ND	ND	ND	0.020	µg/L
tert-amylmethylether	ND	ND	ND	ND	ND	0.020	µg/L
tert-Butylalcohol	ND	ND	ND	ND	ND	0.100	µg/L
TIC:							
n-Propanol	ND	ND	ND	ND	ND	0.020	µg/L
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	102%	100%	105%	106%	102%	75 - 125	
Toluene-d_8	99%	89%	102%	104%	99%	75 - 125	
4-Bromofluorobenzene	83%	94%	99%	102%	101%	75 - 125	
	B2-042710-CHECKS_1	B1-042710-CHECKS_1	B2-042710-CHECKS_1	B2-042710-CHECKS_1	B2-042710-CHECKS_1		

ND= Not Detected

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[illegible] • FAX [illegible]

JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	4/27/2010
Client Address:	P.O. Box 1996 Tustin, CA 92681-1996	**JEL Ref. No.:**	B-4999
		Client Ref. No.:	7115
Attn:	Alejandro Fuan	**Date Sampled:**	4/27/2010
		Date Received:	4/27/2010
Project:	Fullerton Universal	**Date Analyzed:**	4/27/2010
Project Address:	1551 E. Orangethorpe Fullerton, CA	**Physical State:**	Soil Gas

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID: Analytes:	SV33-15	SV41-SS	SV40-SS	SV39-SS	SV42-SS	Practical Quantitation Limit	Units
Benzene	ND	ND	ND	ND	ND	0.020	µg/L
Bromobenzene	ND	ND	ND	ND	ND	0.020	µg/L
Bromodichloromethane	ND	ND	ND	ND	ND	0.020	µg/L
Bromoform	ND	ND	ND	ND	ND	0.020	µg/L
n-Butylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
sec-Butylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
tert-Butylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Carbon tetrachloride	ND	ND	ND	ND	ND	0.020	µg/L
Chlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
Chloroethane	ND	ND	ND	ND	ND	0.020	µg/L
Chloroform	ND	ND	ND	ND	ND	0.020	µg/L
Chloromethane	ND	ND	ND	ND	ND	0.020	µg/L
2-Chlorotoluene	ND	ND	ND	ND	ND	0.020	µg/L
4-Chlorotoluene	ND	ND	ND	ND	ND	0.020	µg/L
Dibromochloromethane	ND	ND	ND	ND	ND	0.020	µg/L
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	0.020	µg/L
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	0.020	µg/L
Dibromomethane	ND	ND	ND	ND	ND	0.020	µg/L
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
Dichlorodifluoromethane	ND	ND	ND	ND	ND	0.020	µg/L
1,1-Dichloroethane	ND	ND	ND	ND	ND	0.020	µg/L
1,2-Dichloroethane	ND	ND	ND	ND	ND	0.020	µg/L
1,1-Dichloroethene	ND	**0.060**	ND	**0.684**	ND	0.020	µg/L

ND - Not Detected

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	4/27/2010
Client Address:	P.O. Box 1996	**JEL Ref. No.:**	B-4999
	Tustin, CA 92681-1996	**Client Ref. No.:**	7115
Attn:	Alejandro Fuan	**Date Sampled:**	40295
		Date Received:	4/27/2010
Project:	Fullerton Universal	**Date Analyzed:**	4/27/2010
Project Address:	1551 E. Orangethorpe	**Physical State:**	Soil Gas
	Fullerton, CA		

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID: Analytes:	**SV33-15**	**SV41-SS**	**SV40-SS**	**SV39-SS**	**SV42-SS**	**Practical Quantitation Limit**	**Units**
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.020	μg/L
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.020	μg/L
1,2-Dichloropropane	ND	ND	ND	ND	ND	0.020	μg/L
1,3-Dichloropropane	ND	ND	ND	ND	ND	0.020	μg/L
2,2-Dichloropropane	ND	ND	ND	ND	ND	0.020	μg/L
1,1-Dichloropropene	ND	ND	ND	ND	ND	0.020	μg/L
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.020	μg/L
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.020	μg/L
Ethylbenzene	ND	ND	ND	ND	ND	0.020	μg/L
Freon 113	ND	ND	ND	ND	ND	0.020	μg/L
Hexachlorobutadiene	ND	ND	ND	ND	ND	0.020	μg/L
Isopropylbenzene	ND	ND	ND	ND	ND	0.020	μg/L
4-Isopropyltoluene	ND	ND	ND	ND	ND	0.020	μg/L
Methylene chloride	ND	ND	ND	ND	ND	0.020	μg/L
Naphthalene	ND	ND	ND	ND	ND	0.020	μg/L
n-Propylbenzene	ND	ND	ND	ND	ND	0.020	μg/L
Styrene	ND	ND	ND	ND	ND	0.020	μg/L
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.020	μg/L
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.020	μg/L
Tetrachloroethylene	ND	ND	**0.368**	**1.69**	**0.805**	0.020	μg/L
Toluene	ND	ND	ND	ND	ND	0.020	μg/L
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	0.020	μg/L
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	0.020	μg/L
1,1,1-Trichloroethane	ND	ND	**0.133**	**1.68**	ND	0.020	μg/L
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	0.020	μg/L
Trichloroethylene	ND	**0.058**	**0.395**	**3.52**	**0.110**	0.020	μg/L

ND= Not Detected

Jones Environmental, Inc
Testing Laboratories

JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	4/27/2010
Client Address:	P.O. Box 1996 Tustin, CA 92681-1996	**JEL Ref. No.:**	B-4999
		Client Ref. No.:	7115
Attn:	Alejandro Fuan	**Date Sampled:**	4/27/2010
		Date Received:	4/27/2010
Project:	Fullerton Universal	**Date Analyzed:**	4/27/2010
Project Address:	1551 E. Orangethorpe Fullerton, CA	**Physical State:**	Soil Gas

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID:	SV33-15	SV41-SS	SV40-SS	SV39-SS	SV42-SS	Practical Quantitation Limit	Units
Analytes:							
Trichlorofluoromethane	ND	ND	ND	ND	ND	0.020	µg/l
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	0.020	µg/L
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Vinyl chloride	ND	ND	ND	ND	ND	0.020	µg/L
Xylenes	ND	ND	ND	ND	ND	0.020	µg/L
MTBE	ND	ND	ND	ND	ND	0.020	µg/L
Ethyl-tert-butylether	ND	ND	ND	ND	ND	0.020	µg/L
Di-isopropylether	ND	ND	ND	ND	ND	0.020	µg/L
tert-amylmethylether	ND	ND	ND	ND	ND	0.020	µg/L
tert-Butylalcohol	ND	ND	ND	ND	ND	0.100	µg/L
TIC:							
n-Propanol	ND	ND	ND	ND	ND	0.020	µg/L
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	105%	108%	107%	96%	107%	75 - 125	
Toluene-d8	101%	98%	98%	101%	99%	75 - 125	
4-Bromofluorobenzene	99%	93%	78%	94%	92%	75 - 125	
	B2-042710-CHECKS_1	B2-042710-CHECKS_1	B2-042710-CHECKS_1	B2-042710-CHECKS_1	B2-042710-CHECKS_1		

ND - Not Detected

Jones Environmental, Inc.
Testing Laboratories
P.O. Box 5387 • Fullerton, CA 92635
[illegible]

JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	4/27/2010
Client Address:	P.O. Box 1996	**JEL Ref. No.:**	B-4999
	Tustin, CA 92681-1996	**Client Ref. No.:**	7115
Attn:	Alejandro Fuan	**Date Sampled:**	4/27/2010
		Date Received:	4/27/2010
Project:	Fullerton Universal	**Date Analyzed:**	4/27/2010
Project Address:	1551 E. Orangethorpe	**Physical State:**	Soil Gas
	Fullerton, CA		

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID: / Analytes:	VEW9-15	VEW9-25	VEW12-15	VEW12-25	VEW16-5	Practical Quantitation Limit	Units
Benzene	ND	ND	ND	ND	ND	0.020	µg/L
Bromobenzene	ND	ND	ND	ND	ND	0.020	µg/L
Bromodichloromethane	ND	ND	ND	ND	ND	0.020	µg/L
Bromoform	ND	ND	ND	ND	ND	0.020	µg/L
n-Butylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
sec-Butylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
tert-Butylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Carbon tetrachloride	ND	ND	ND	ND	ND	0.020	µg/L
Chlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
Chloroethane	ND	ND	ND	ND	ND	0.020	µg/L
Chloroform	ND	ND	ND	ND	ND	0.020	µg/L
Chloromethane	ND	ND	ND	ND	ND	0.020	µg/L
2-Chlorotoluene	ND	ND	ND	ND	ND	0.020	µg/L
4-Chlorotoluene	ND	ND	ND	ND	ND	0.020	µg/L
Dibromochloromethane	ND	ND	ND	ND	ND	0.020	µg/L
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	0.020	µg/L
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	0.020	µg/L
Dibromomethane	ND	ND	ND	ND	ND	0.020	µg/L
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
Dichlorodifluoromethane	ND	ND	ND	ND	ND	0.020	µg/L
1,1-Dichloroethane	ND	ND	ND	ND	ND	0.020	µg/L
1,2-Dichloroethane	ND	ND	ND	ND	ND	0.020	µg/L
1,1-Dichloroethene	**0.588**	ND	**0.648**	**0.477**	ND	0.020	µg/L

ND= Not Detected

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Testing Laboratories
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(714) 526-7553 • FAX (714) 526-7373

JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	4/27/2010
Client Address:	P.O. Box 1996 Tustin, CA 92681-1996	**JEL Ref. No.:**	B-4999
		Client Ref. No.:	7115
Attn:	Alejandro Faun	**Date Sampled:**	4/27/2010
		Date Received:	4/27/2010
Project:	Fullerton Universal	**Date Analyzed:**	4/27/2010
Project Address:	1551 E. Orangethorpe Fullerton, CA	**Physical State:**	Soil Gas

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID:	VEW9-15	VEW9-25	VEW12-15	VEW12-25	VEW16-5	Practical Quantitation Limit	Units
Analytes:							
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.020	µg/L
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.020	µg/L
1,2-Dichloropropane	ND	ND	ND	ND	ND	0.020	µg/L
1,3-Dichloropropane	ND	ND	ND	ND	ND	0.020	µg/L
2,2-Dichloropropane	ND	ND	ND	ND	ND	0.020	µg/L
1,1-Dichloropropene	ND	ND	ND	ND	ND	0.020	µg/L
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.020	µg/L
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.020	µg/L
Ethylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Freon 113	ND	ND	ND	ND	ND	0.020	µg/L
Hexachlorobutadiene	ND	ND	ND	ND	ND	0.020	µg/L
Isopropylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
4-Isopropyltoluene	ND	ND	ND	ND	ND	0.020	µg/L
Methylene chloride	ND	ND	ND	ND	ND	0.020	µg/L
Naphthalene	ND	ND	ND	ND	ND	0.020	µg/L
n-Propylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Styrene	ND	ND	ND	ND	ND	0.020	µg/L
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.020	µg/L
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.020	µg/L
Tetrachloroethylene	ND	ND	ND	5.51	0.570	0.020	µg/L
Toluene	ND	ND	ND	ND	ND	0.020	µg/L
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,1,1-Trichloroethane	4.84	1.96	2.03	6.14	ND	0.020	µg/L
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	0.020	µg/L
Trichloroethylene	0.65	0.307	2.40	3.62	ND	0.020	µg/L

ND= Not Detected

Jones Environmental, Inc
Testing Laboratories

JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	4/27/2010
Client Address:	P.O. Box 1996	**JEL Ref. No.:**	B-4999
	Tustin, CA 92681-1996	**Client Ref. No.:**	7115
Attn:	Alejandro Fuan	**Date Sampled:**	4/27/2010
		Date Received:	4/27/2010
Project:	Fullerton Universal	**Date Analyzed:**	4/27/2010
Project Address:	1551 E. Orangethorpe	**Physical State:**	Soil Gas
	Fullerton, CA		

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID:	VEW9-15	VEW9-25	VEW12-15	VEW12-25	VEW16-5	Practical Quantitation Limit	Units
Analytes:							
Trichlorofluoromethane	ND	ND	ND	ND	ND	0.020	µg/L
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	0.020	µg/L
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Vinyl chloride	ND	ND	ND	ND	ND	0.020	µg/L
Xylenes	ND	ND	ND	ND	ND	0.020	µg/L
MTBE	ND	ND	ND	ND	ND	0.020	µg/L
Ethyl-tert-butylether	ND	ND	ND	ND	ND	0.020	µg/L
Di-isopropylether	ND	ND	ND	ND	ND	0.020	µg/L
tert-amylmethylether	ND	ND	ND	ND	ND	0.020	µg/L
tert-Butylalcohol	ND	ND	ND	ND	ND	0.100	µg/L
TIC:							
n-Propanol	ND	ND	ND	ND	ND	0.020	µg/L
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						QC Limits	
Dibromofluoromethane	111%	101%	102%	104%	108%	75 - 125	
Toluene-d_8	102%	94%	99%	99%	97%	75 - 125	
4-Bromofluorobenzene	95%	99%	106%	106%	106%	75 - 125	
	B1-042710-CHECKS_1	B1-042710-CHECKS_1	B1-042710-CHECKS_1	B1-042710-CHECKS_1	B1-042710-CHECKS_1		

ND= Not Detected

Jones Environmental, Inc.
Testing Laboratories
[illegible]

JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	4/27/2010
Client Address:	P.O. Box 1996	**JEL Ref. No.:**	B-4999
	Tustin, CA 92681-1996	**Client Ref. No.:**	7115
Attn:	Alejandro Fuan	**Date Sampled:**	4/27/2010
		Date Received:	4/27/2010
Project:	Fullerton Universal	**Date Analyzed:**	4/27/2010
Project Address:	1551 E. Orangethorpe	**Physical State:**	Soil Gas
	Fullerton, CA		

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID:	VEW16-15	VEW16-25	VEW5-5	VEW4-5	VEW6-5	Practical Quantitation Limit	Units
Analytes:							
Benzene	ND	ND	ND	ND	ND	0.020	µg/L
Bromobenzene	ND	ND	ND	ND	ND	0.020	µg/L
Bromodichloromethane	ND	ND	ND	ND	ND	0.020	µg/L
Bromoform	ND	ND	ND	ND	ND	0.020	µg/L
n-Butylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
sec-Butylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
tert-Butylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Carbon tetrachloride	ND	ND	ND	ND	ND	0.020	µg/L
Chlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
Chloroethane	ND	ND	ND	ND	ND	0.020	µg/L
Chloroform	ND	ND	ND	ND	ND	0.020	µg/L
Chloromethane	ND	ND	ND	ND	ND	0.020	µg/L
2-Chlorotoluene	ND	ND	ND	ND	ND	0.020	µg/L
4-Chlorotoluene	ND	ND	ND	ND	ND	0.020	µg/L
Dibromochloromethane	ND	ND	ND	ND	ND	0.020	µg/L
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	0.020	µg/L
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	0.020	µg/L
Dibromomethane	ND	ND	ND	ND	ND	0.020	µg/L
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
Dichlorodifluoromethane	ND	ND	ND	ND	ND	0.020	µg/L
1,1-Dichloroethane	ND	ND	ND	ND	ND	0.020	µg/L
1,2-Dichloroethane	ND	ND	ND	ND	ND	0.020	µg/L
1,1-Dichloroethene	ND	ND	ND	0.209	ND	0.020	µg/L

ND = Not Detected

Jones Environmental, Inc.
Testing Laboratories

JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	4-27-2010
Client Address:	P.O. Box 1996 Tustin, CA 92681-1996	**JEL Ref. No.:**	B-4999
		Client Ref. No.:	7115
Attn:	Alejandro Fuan	**Date Sampled:**	4-27-2010
		Date Received:	4/27/2010
Project:	Fullerton Universal	**Date Analyzed:**	4/27/2010
Project Address:	1551 E. Orangethorpe Fullerton, CA	**Physical State:**	Soil Gas

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID:	VEW16-15	VEW16-25	VEW5-5	VEW4-5	VEW6-5	Practical Quantitation Limit	Units
Analytes:							
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.020	µg/L
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.020	µg/L
1,2-Dichloropropane	ND	ND	ND	ND	ND	0.020	µg/L
1,3-Dichloropropane	ND	ND	ND	ND	ND	0.020	µg/L
2,2-Dichloropropane	ND	ND	ND	ND	ND	0.020	µg/L
1,1-Dichloropropene	ND	ND	ND	ND	ND	0.020	µg/L
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.020	µg/L
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.020	µg/L
Ethylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Freon 113	ND	ND	ND	ND	ND	0.020	µg/L
Hexachlorobutadiene	ND	ND	ND	ND	ND	0.020	µg/L
Isopropylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
4-Isopropyltoluene	ND	ND	ND	ND	ND	0.020	µg/L
Methylene chloride	ND	ND	ND	ND	ND	0.020	µg/L
Naphthalene	ND	ND	ND	ND	ND	0.020	µg/L
n-Propylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Styrene	ND	ND	ND	ND	ND	0.020	µg/L
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.020	µg/L
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.020	µg/L
Tetrachloroethylene	ND	ND	ND	2.62	0.688	0.020	µg/L
Toluene	ND	ND	ND	ND	ND	0.020	µg/L
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	0.020	µg/L
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	0.020	µg/L
Trichloroethylene	ND	ND	ND	ND	0.641	0.020	µg/L

ND= Not Detected

Jones Environmental Inc
Testing Laboratories

JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	4/27/2010
Client Address:	P.O. Box 1996 Tustin, CA 92681-1996	**JEL Ref. No.:**	B-3999
		Client Ref. No.:	7115
Attn:	Alejandro Fuan	**Date Sampled:**	4/27/2010
		Date Received:	4/27/2010
Project:	Fullerton Universal	**Date Analyzed:**	4/27/2010
Project Address:	1551 E. Orangethorpe Fullerton, CA	**Physical State:**	Soil Gas

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID:	VEW16-15	VEW16-25	VEW5-5	VEW4-5	VEW6-5	Practical Quantitation Limit	Units
Analytes:							
Trichlorofluoromethane	ND	ND	ND	ND	ND	0.020	µg/L
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	0.020	µg/L
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Vinyl chloride	ND	ND	ND	ND	ND	0.020	µg/L
Xylenes	ND	ND	ND	ND	ND	0.020	µg/L
MTBE	ND	ND	ND	ND	ND	0.020	µg/L
Ethyl-tert-butylether	ND	ND	ND	ND	ND	0.020	µg/L
Di-isopropylether	ND	ND	ND	ND	ND	0.020	µg/L
tert-amylmethylether	ND	ND	ND	ND	ND	0.020	µg/L
tert-Butylalcohol	ND	ND	ND	ND	ND	0.100	µg/L
TIC:							
n-Propanol	ND	ND	ND	ND	ND	0.020	µg/L
Dilution Factor	1	1	1	1	1		
Surrogate Recovery:						**QC Limits**	
Dibromofluoromethane	79%	84%	112%	106%	95%	75 - 125	
Toluene-d_8	99%	97%	96%	102%	96%	75 - 125	
4-Bromofluorobenzene	116%	114%	106%	96%	108%	75 - 125	
	B1-042710-CHECKS_1	B1-042710-CHECKS_1	B1-042710-CHECKS_1	B2-042710-CHECKS_1	B1-042710-CHECKS_1		

ND= Not Detected

Jones Environmental, Inc.
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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	4/27/2010
Client Address:	P.O. Box 1996	**JEL Ref. No.:**	B-4999
	Tustin, CA 92681-1996	**Client Ref. No.:**	7115
Attn:	Alejandro Fuan	**Date Sampled:**	4/27/2010
		Date Received:	4/27/2010
Project:	Fullerton Universal	**Date Analyzed:**	4/27/2010
Project Address:	1551 E. Orangethorpe	**Physical State:**	Soil Gas
	Fullerton, CA		

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID: / Analytes:	VEW11-15	VEW11-25	VEW13-15	VEW8-15	Practical Quantitation Limit	Units
Benzene	ND	ND	ND	ND	0.020	µg/L
Bromobenzene	ND	ND	ND	ND	0.020	µg/L
Bromodichloromethane	ND	ND	ND	ND	0.020	µg/L
Bromoform	ND	ND	ND	ND	0.020	µg/L
n-Butylbenzene	ND	ND	ND	ND	0.020	µg/L
sec-Butylbenzene	ND	ND	ND	ND	0.020	µg/L
tert-Butylbenzene	ND	ND	ND	ND	0.020	µg/L
Carbon tetrachloride	ND	ND	ND	ND	0.020	µg/L
Chlorobenzene	ND	ND	ND	ND	0.020	µg/L
Chloroethane	ND	ND	ND	ND	0.020	µg/L
Chloroform	ND	ND	ND	ND	0.020	µg/L
Chloromethane	ND	ND	ND	ND	0.020	µg/L
2-Chlorotoluene	ND	ND	ND	ND	0.020	µg/L
4-Chlorotoluene	ND	ND	ND	ND	0.020	µg/L
Dibromochloromethane	ND	ND	ND	ND	0.020	µg/L
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	0.020	µg/L
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	0.020	µg/L
Dibromomethane	ND	ND	ND	ND	0.020	µg/L
1,2- Dichlorobenzene	ND	ND	ND	ND	0.020	µg/L
1,3-Dichlorobenzene	ND	ND	ND	ND	0.020	µg/L
1,4-Dichlorobenzene	ND	ND	ND	ND	0.020	µg/L
Dichlorodifluoromethane	ND	ND	ND	ND	0.020	µg/L
1,1-Dichloroethane	ND	ND	ND	ND	0.020	µg/L
1,2-Dichloroethane	ND	ND	ND	ND	0.020	µg/L
1,1-Dichloroethene	**0.353**	ND	ND	ND	0.020	µg/L

ND Not Detected

Jones Environmental, Inc
Testing Laboratories
[illegible]

JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	4/27/2010
Client Address:	P.O. Box 1996 Tustin, CA 92681-1996	**JEL Ref. No.:**	B-4999
		Client Ref. No.:	7115
Attn:	Alejandro Fuan	**Date Sampled:**	4/27/2010
		Date Received:	4/27/2010
Project:	Fullerton Universal	**Date Analyzed:**	4/27/2010
Project Address:	1551 E. Orangethorpe Fullerton, CA	**Physical State:**	Soil Gas

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID:	VEW11-15	VEW11-25	VEW13-15	VEW8-15	Practical Quantitation Limits	Units
Analytes:						
cis-1,2-Dichloroethene	ND	ND	ND	ND	0.020	µg/L
trans-1,2-Dichloroethene	ND	ND	ND	ND	0.020	µg/L
1,2-Dichloropropane	ND	ND	ND	ND	0.020	µg/L
1,3-Dichloropropane	ND	ND	ND	ND	0.020	µg/L
2,2-Dichloropropane	ND	ND	ND	ND	0.020	µg/L
1,1-Dichloropropene	ND	ND	ND	ND	0.020	µg/L
cis-1,3-Dichloropropene	ND	ND	ND	ND	0.020	µg/L
trans-1,3-Dichloropropene	ND	ND	ND	ND	0.020	µg/L
Ethylbenzene	ND	ND	ND	ND	0.020	µg/L
Freon 113	ND	ND	ND	ND	0.020	µg/L
Hexachlorobutadiene	ND	ND	ND	ND	0.020	µg/L
Isopropylbenzene	ND	ND	ND	ND	0.020	µg/L
4-Isopropyltoluene	ND	ND	ND	ND	0.020	µg/L
Methylene chloride	ND	ND	ND	ND	0.020	µg/L
Naphthalene	ND	ND	ND	ND	0.020	µg/L
n-Propylbenzene	ND	ND	ND	ND	0.020	µg/L
Styrene	ND	ND	ND	ND	0.020	µg/L
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	0.020	µg/L
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	0.020	µg/L
Tetrachloroethylene	ND	ND	ND	ND	0.020	µg/L
Toluene	ND	ND	ND	ND	0.020	µg/L
1,2,3-Trichlorobenzene	ND	ND	ND	ND	0.020	µg/L
1,2,4-Trichlorobenzene	ND	ND	ND	ND	0.020	µg/L
1,1,1-Trichloroethane	ND	ND	ND	ND	0.020	µg/L
1,1,2-Trichloroethane	ND	ND	ND	ND	0.020	µg/L
Trichloroethylene	**0.381**	ND	ND	ND	0.020	µg/L

ND = Not Detected

Jones Environmental, Inc.

JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	4/27/2010
Client Address:	P.O. Box 1996	**JEI. Ref. No.:**	B-4999
	Tustin, CA 92681-1996	**Client Ref. No.:**	7115
Attn:	Alejandro Fuan	**Date Sampled:**	4/27/2010
		Date Received:	4/27/2010
Project:	Fullerton Universal	**Date Analyzed:**	4/27/2010
Project Address:	1551 E. Orangethorpe	**Physical State:**	Soil Gas
	Fullerton, CA		

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID:	VEW11-15	VEW11-25	VEW13-15	VEW8-15	Practical Quantitation Limits	Units
Analytes:						
Trichlorofluoromethane	ND	ND	ND	ND	0.020	µg/L
1,2,3-Trichloropropane	ND	ND	ND	ND	0.020	µg/L
1,2,4-Trimethylbenzene	ND	ND	ND	ND	0.020	µg/L
1,3,5-Trimethylbenzene	ND	ND	ND	ND	0.020	µg/L
Vinyl chloride	ND	ND	ND	ND	0.020	µg/L
Xylenes	ND	ND	ND	ND	0.020	µg/L
MTBE	ND	ND	ND	ND	0.020	µg/L
Ethyl-tert-butylether	ND	ND	ND	ND	0.020	µg/L
Di-isopropylether	ND	ND	ND	ND	0.020	µg/L
tert-amylmethylether	ND	ND	ND	ND	0.020	µg/L
tert-Butylalcohol	ND	ND	ND	ND	0.100	µg/L
TIC:						
n-Propanol	ND	ND	ND	ND	0.020	µg/L
Dilution Factor	1	1	1	1		
Surrogate Recoveries:					**QC Limits**	
Dibromofluoromethane	98%	101%	100%	85%	75 - 125	
Toluene-d_8	99%	99%	98%	99%	75 - 125	
4-Bromofluorobenzene	103%	100%	102%	76%	75 - 125	
	B1-042710-CHECKS_1	B1-042710-CHECKS_2	B2-042710-CHECKS_1	B2-042710-CHECKS_2		

ND= Not Detected

Jones Environmental, Inc.

Testing Laboratories

JONES ENVIRONMENTAL
QUALITY CONTROL INFORMATION

Client:	The Reynolds Group	**Report date:**	4/27/2010
Client Address:	P.O. Box 1996	**JEL Ref. No.:**	B-4999
	Tustin, CA 92681-1996	**Client Ref. No.:**	7115
Attn:	Alejandro Fuan	**Date Sampled:**	4/27/2010
		Date Received:	4/27/2010
Project:	Fullerton Universal	**Date Analyzed:**	4/27/2010
Project Address:	1551 E. Orangethorpe	**Physical State:**	Soil Gas
	Fullerton, CA		

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample Spiked: Ambient Air **GC#:** B1-042710-CHECKS 1

Parameter	MS Recovery (%)	MSD Recovery (%)	RPD	Acceptability Range (%)	LCS	Acceptability Range (%)
1,1-Dichloroethylene	88%	87%	1.8%	70-130	98%	70-130
Benzene	107%	115%	6.7%	70-130	106%	70-130
Trichloroethylene	96%	100%	4.2%	70-130	98%	70-130
Toluene	90%	97%	7.1%	70-130	106%	70-130
Chlorobenzene	94%	97%	2.9%	70-130	99%	70-130
Surrogate Recovery:						
Dibromofluoromethane	95%	97%		60-140	93%	60-140
Toluene-d8	87%	93%		60-140	95%	60-140
4-Bromofluorobenzene	104%	108%		60-140	90%	60-140

Method Blank Not Detected

MS = Matrix Spike
MSD = Matrix Spike Duplicate
RPD = Relative Percent Difference

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[illegible]

JONES ENVIRONMENTAL
QUALITY CONTROL INFORMATION

Client:	The Reynolds Group	**Report date:**	4/27/2010
Client Address:	P.O. Box 1996	**JEL Ref. No.:**	D-4999
	Tustin, CA 92681-1996	**Client Ref. No.:**	7115
Attn:	Alejandro Fuan	**Date Sampled:**	4/27/2010
		Date Received:	4/27/2010
Project:	Fullerton Universal	**Date Analyzed:**	4/27/2010
Project Address:	1551 E. Orangethorpe	**Physical State:**	Soil Gas
	Fullerton, CA		

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample Spiked: Ambient Air   **GC#:** B2-042710-CHECKS_1

Parameter	MS Recovery (%)	MSD Recovery (%)	RPD	Acceptability Range (%)	LCS	Acceptability Range (%)
1,1-Dichloroethylene	92%	93%	1.6%	70-130	118%	70-130
Benzene	118%	121%	3.2%	70-130	124%	70-130
Trichloroethylene	98%	101%	3.0%	70-130	107%	70-130
Toluene	107%	109%	2.2%	70-130	115%	70-130
Chlorobenzene	101%	103%	1.8%	70-130	113%	70-130
Surrogate Recovery:						
Dibromofluoromethane	106%	104%		60-140	111%	60-140
Toluene-d8	104%	101%		60-140	98%	60-140
4-Bromofluorobenzene	99%	97%		60-140	89%	60-140

Method Blank = Not Detected

MS = Matrix Spike
MSD = Matrix Spike Duplicate
RPD = Relative Percent Difference

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Fax (714) 449-9685

Chain-of-Custody Record

Client

Date

Project Name

Client Project #

Project Address

Turn Around Requested:
- ☐ Immediate Attention
- ☐ Rush 24-48 Hours
- ☐ Rush 72-96 Hours
- ☐ Normal
- ☒ Mobile Lab

Project Contact

SOIL GAS
Purge Vol: ☐ 1P ☐ 3P ☐ 7P
Tracer:
Purge Rate: cc/min

Analysis Requested

JEL Project #

Page of

Lab Use Only
Sample Condition as Received.
Chilled ☐ yes ☐ no
Sealed ☐ yes ☐ no

Sample ID	Purge Volume	Discussion	Date	Time	Laboratory Sample Number	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)							Number of Containers	Remarks/Special Instructions

1 Relinquished by (signature)	Date 4/27/10	2 Received by (signature)	Date	10 Total Number of Containers
Company	Time	Company	Time	
3 Relinquished by (signature)	Date	4 Received by Laboratory (signature)	Date	The delivery of samples and the signature on this Chain of Custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.
Company	Time	Company	Time	

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Chain-of-Custody Record

Client

Date

Project Name

Client Project #

Project Address

Turn Around Requested:
- ☑ Immediate Attention
- ☐ Rush 24-48 Hours
- ☐ Rush 72-96 Hours
- ☐ Normal
- ☑ Mobile Lab

Project Contact

SOIL GAS
Purge Vol: ☐ 1P ☐ 3P ☐ 7P
Tracer:
Purge Rate: cc/min

JEL Project #

Page of

Lab Use Only
Sample Condition as Received
Chilled ☐ yes ☐ no
Sealed ☑ yes ☐ no

Analysis Requested

Sample ID	Purge Volume	Discussion	Date	Time	Laboratory Sample Number	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)							Number of Containers	Remarks/Special Instructions

❶ Relinquished by (signature)	Date 4/27/10	❷ Received by (signature)	Date		Total Number of Containers
Company	Time	Company	Time		
❸ Relinquished by (signature)	Date	❹ Received by Laboratory (signature)	Date	The delivery of samples and the signature on the Chain of Custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.	
Company	Time	Company	Time		

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Chain-of-Custody Record

Client [illegible]

Date [illegible]

Project Name [illegible]

Client Project # [illegible]

Project Address [illegible]

[illegible]

Project Contact [illegible]

Turn Around Requested:
- ☐ Immediate Attention
- ☐ Rush 24-48 Hours
- ☐ Rush 72-96 Hours
- ☐ Normal
- ☒ Mobile Lab

SOIL GAS
Purge Vol. ☐ 1P ☒ 3P ☐ 7P
Tracer: [illegible]
Purge Rate: [illegible] cc/min

Analysis Requested

JEL Project # [illegible]

Page [illegible] of [illegible]

Lab Use Only
Sample Condition as Received:
Chilled ☐ yes ☐ no
Sealed ☐ yes ☐ no

Sample ID	Purge Volume	Discussion	Date	Time	Laboratory Sample Number	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)	[illegible]	Number of Containers	Remarks/Special Instructions
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	X	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	X	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	X	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	X	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	X	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	X	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	X	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	X	[illegible]	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	X	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	X	[illegible]	

❶ Relinquished by (signature) [illegible]	Date 4/27/10	❷ Received by (signature) [illegible]	Date [illegible]
Company	Time	Company [illegible]	Time [illegible]
❸ Relinquished by (signature)	Date	❹ Received by Laboratory (signature)	Date
Company	Time	Company	Time

[illegible] Total Number of Containers

The delivery of samples and the signature on this Chain of Custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

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Fax (714) 449-9685

Chain-of-Custody Record

Client

Date

Project Name

Client Project #

Project Address

Turn Around Requested:
- ☐ Immediate Attention
- ☐ Rush 24-48 Hours
- ☐ Rush 72-96 Hours
- ☐ Normal
- ☒ Mobile Lab

Project Contact

SOIL GAS
Purge Vol: ☐ 1P ☐ 3P ☐ 7P
Tracer:
Purge Rate: cc/min

Analysis Requested

JEL Project #

Page

Lab Use Only
Sample Condition as Received.
Chilled ☐ yes ☐ no
Sealed ☐ yes ☐ no

Sample ID	Purge Volume	Discussion	Date	Time	Laboratory Sample Number	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)							Number of Containers	Remarks/Special Instructions

1 Relinquished by (signature)	Date	2 Received by (signature)	Date	Total Number of Containers
Company	Time	Company	Time	
3 Relinquished by (signature)	Date	4 Received by Laboratory (signature)	Date	
Company	Time	Company	Time	

The delivery of samples and the signature on this Chain of Custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	4/28/2010
Client Address:	P.O. Box 1996 Tustin, CA 92681-1996	**JEL Ref. No.:**	B-4999B
		Client Ref. No.:	7115
Attn:	Alejandro Fuan	**Date Sampled:**	4/28/2010
		Date Received:	4/28/2010
Project:	Fullerton Universal	**Date Analyzed:**	4/28/2010
Project Address:	1551 E. Orangethorpe Fullerton, CA	**Physical State:**	Soil Gas

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ANALYSES REQUESTED

1. EPA 8260B- Volatile Organics by GC/MS + Oxygenates

Sampling -- Soil Gas samples are collected in glass gas-tight syringes equipped with Teflon plungers. Tubing placed in the ground for soil gas sampling is purged three different times as recommended by DTSC/RWQCB regulations. This purge test determines how many purges of the soil gas tubing are needed throughout the project. One, three and seven purge volumes were analyzed to make this determination.

A tracer gas, n-Propanol, was placed at the tubing-surface interface before sampling. This compound is analyzed during the 8260B analytical run to determine if there are surface leaks into the subsurface due to improper installation of the probe. No n-Propanol was found in any of the samples reported herein.

The sampling rate was approximately 200 cc/min except when noted differently on the chain of custody record using a gas tight syringe. 3 purge volumes were used since this purging level gave the highest results for the compound(s) of greatest interest.

Analytical – Soil Gas samples were analyzed using EPA Method 8260 that includes extra compounds required by DTSC/RWQCB (such as Freon 113). Instrument Continuing Calibration Verification , QC Reference Standards, Instrument Blanks and Ambient Air Blanks are analyzed every 12 hours as prescribed by the method. In addition, Matrix Spike (MS) and Matrix Spike Duplicates (MSD) are analyzed with each batch of Soil Gas samples. A duplicate sample is analyzed each day of the sampling activity.

All samples were analyzed within 30 minutes of sampling.

Approval:

Steve Jones, Ph.D.
Laboratory Manager

Jones Environmental, Inc.
Testing Laboratories

JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	4/28/2010
Client Address:	P.O. Box 1996 Tustin, CA 92681-1996	**JEL Ref. No.:**	B-09998
		Client Ref. No.:	7115
Attn:	Alejandro Fuan	**Date Sampled:**	4/28/2010
		Date Received:	4/28/2010
Project:	Fullerton Universal	**Date Analyzed:**	4/28/2010
Project Address:	1551 E. Orangethorpe Fullerton, CA	**Physical State:**	Soil Gas

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID:	SV37-SS DUP	VEW6-5 DUP	Practical Quantitation Limit	Units
Analytes:				
Benzene	ND	ND	0.020	µg/L
Bromobenzene	ND	ND	0.020	µg/L
Bromodichloromethane	ND	ND	0.020	µg/L
Bromoform	ND	ND	0.020	µg/L
n-Butylbenzene	ND	ND	0.020	µg/L
sec-Butylbenzene	ND	ND	0.020	µg/L
tert-Butylbenzene	ND	ND	0.020	µg/L
Carbon tetrachloride	ND	ND	0.020	µg/L
Chlorobenzene	ND	ND	0.020	µg/L
Chloroethane	ND	ND	0.020	µg/L
Chloroform	ND	ND	0.020	µg/L
Chloromethane	ND	ND	0.020	µg/L
2-Chlorotoluene	ND	ND	0.020	µg/L
4-Chlorotoluene	ND	ND	0.020	µg/L
Dibromochloromethane	ND	ND	0.020	µg/L
1,2-Dibromo-3-chloropropane	ND	ND	0.020	µg/L
1,2-Dibromoethane (EDB)	ND	ND	0.020	µg/L
Dibromomethane	ND	ND	0.020	µg/L
1,2- Dichlorobenzene	ND	ND	0.020	µg/L
1,3-Dichlorobenzene	ND	ND	0.020	µg/L
1,4-Dichlorobenzene	ND	ND	0.020	µg/L
Dichlorodifluoromethane	ND	ND	0.020	µg/L
1,1-Dichloroethane	ND	ND	0.020	µg/L
1,2-Dichloroethane	ND	ND	0.020	µg/L
1,1-Dichloroethene	2.07	ND	0.020	µg/L

ND Not Detected

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	4/28/2010
Client Address:	P.O. Box 1996	**JEL Ref. No.:**	B-4999B
	Tustin, CA 92681-1996	**Client Ref. No.:**	7125
Attn:	Alejandro Fuan	**Date Sampled:**	4/28/2010
		Date Received:	4/28/2010
Project:	Fullerton Universal	**Date Analyzed:**	4/28/2010
Project Address:	1551 E. Orangethorpe	**Physical State:**	Soil Gas
	Fullerton, CA		

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID:	SV37-SS DUP	VEW6-5 DUP	Practical Quantitation Limit	Units
Analytes:				
cis-1,2-Dichloroethene	ND	ND	0.020	µg/L
trans-1,2-Dichloroethene	ND	ND	0.020	µg/L
1,2-Dichloropropane	ND	ND	0.020	µg/L
1,3-Dichloropropane	ND	ND	0.020	µg/L
2,2-Dichloropropane	ND	ND	0.020	µg/L
1,1-Dichloropropene	ND	ND	0.020	µg/L
cis-1,3-Dichloropropene	ND	ND	0.020	µg/L
trans-1,3-Dichloropropene	ND	ND	0.020	µg/L
Ethylbenzene	ND	ND	0.020	µg/L
Freon 113	ND	ND	0.020	µg/L
Hexachlorobutadiene	ND	ND	0.020	µg/L
Isopropylbenzene	ND	ND	0.020	µg/L
4-Isopropyltoluene	ND	ND	0.020	µg/L
Methylene chloride	ND	ND	0.020	µg/L
Naphthalene	ND	ND	0.020	µg/L
n-Propylbenzene	ND	ND	0.020	µg/L
Styrene	ND	ND	0.020	µg/L
1,1,1,2-Tetrachloroethane	ND	ND	0.020	µg/L
1,1,2,2-Tetrachloroethane	ND	ND	0.020	µg/L
Tetrachloroethylene	**1.43**	**0.485**	0.020	µg/L
Toluene	ND	ND	0.020	µg/L
1,2,3-Trichlorobenzene	ND	ND	0.020	µg/L
1,2,4-Trichlorobenzene	ND	ND	0.020	µg/L
1,1,1-Trichloroethane	**0.663**	ND	0.020	µg/L
1,1,2-Trichloroethane	ND	ND	0.020	µg/L
Trichloroethylene	**2.80**	**0.426**	0.020	µg/L

ND= Not Detected

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[illegible]

JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	4/28/2010
Client Address:	P.O. Box 1996 Tustin, CA 92681-1996	**JEL Ref. No.:**	B-4999B
		Client Ref. No.:	7115
Attn:	Alejandro Fuan	**Date Sampled:**	4/28/2010
		Date Received:	4/28/2010
Project:	Fullerton Universal	**Date Analyzed:**	4/28/2010
Project Address:	1551 E. Orangethorpe Fullerton, CA	**Physical State:**	Soil Gas

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID:	SV37-SS DUP	VEW6-5 DUP	Practical Quantitation Limit	Units
Analytes:				
Trichlorofluoromethane	ND	ND	0.020	µg/L
1,2,3-Trichloropropane	ND	ND	0.020	µg/L
1,2,4-Trimethylbenzene	ND	ND	0.020	µg/L
1,3,5-Trimethylbenzene	ND	ND	0.020	µg/L
Vinyl chloride	ND	ND	0.020	µg/L
Xylenes	ND	ND	0.020	µg/L
MTBE	ND	ND	0.020	µg/L
Ethyl-tert-butylether	ND	ND	0.020	µg/L
Di-isopropylether	ND	ND	0.020	µg/L
tert-amylmethylether	ND	ND	0.020	µg/L
tert-Butylalcohol	ND	ND	0.100	µg/L
TIC:				
n-Propanol	ND	ND	0.020	µg/L
Dilution Factor	1	1		
Surrogate Recovery:			**QC Limits**	
Dibromofluoromethane	96%	89%	75 - 125	
Toluene-d_8	96%	94%	75 - 125	
4-Bromofluorobenzene	80%	102%	75 - 125	
	B2-042810-CHECKS_1	B1-042810-CHECKS_1		

ND: Not Detected

Jones Environmental Inc.
Testing Laboratories

JONES ENVIRONMENTAL
QUALITY CONTROL INFORMATION

Client:	The Reynolds Group	**Report date:**	4/28/2010
Client Address:	P.O. Box 1996	**JEL Ref. No.:**	B-4999B
	Tustin, CA 92681-1996	**Client Ref. No.:**	7115
Attn:	Alejandro Fuan	**Date Sampled:**	4/28/2010
		Date Received:	4/28/2010
Project:	Fullerton Universal	**Date Analyzed:**	4/28/2010
Project Address:	1551 E. Orangethorpe	**Physical State:**	Soil Gas
	Fullerton, CA		

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample Spiked: Ambient Air **GC#:** B1-042810-CHECKS_1

Parameter	MS Recovery (%)	MSD Recovery (%)	RPD	Acceptability Range (%)	LCS	Acceptability Range (%)
1,1-Dichloroethylene	87%	99%	13%	70-130	102%	70-130
Benzene	105%	111%	5.8%	70-130	102%	70-130
Trichloroethylene	97%	104%	7.3%	70-130	102%	70-130
Toluene	106%	102%	3.6%	70-130	106%	70-130
Chlorobenzene	119%	105%	13%	70-130	107%	70-130
Surrogate Recovery:						
Dibromofluoromethane	95%	96%		60-140	100%	60-140
Toluene-d8	97%	96%		60-140	98%	60-140
4-Bromofluorobenzene	105%	107%		60-140	90%	60-140

Method Blank = Not Detected

MS = Matrix Spike
MSD = Matrix Spike Duplicate
RPD = Relative Percent Difference

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JONES ENVIRONMENTAL
QUALITY CONTROL INFORMATION

Client:	The Reynolds Group	**Report date:**	4/28/2010
Client Address:	P.O. Box 1996	**JEL Ref. No.:**	B-4999B
	Tustin, CA 92681-1996	**Client Ref. No.:**	7115
Attn:	Alejandro Fuan	**Date Sampled:**	4/28/2010
		Date Received:	4/28/2010
Project:	Fullerton Universal	**Date Analyzed:**	4/28/2010
Project Address:	1551 E. Orangethorpe	**Physical State:**	Soil Gas
	Fullerton, CA		

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample Spiked: Ambient Air **GC#:** B2-042810-CHECKS 1

Parameter	MS Recovery (%)	MSD Recovery (%)	RPD	Acceptability Range (%)	LCS	Acceptability Range (%)
1,1-Dichloroethylene	89%	94%	5.5%	70-130	99%	70-130
Benzene	117%	126%	7.9%	70-130	114%	70-130
Trichloroethylene	93%	105%	12.3%	70-130	96%	70-130
Toluene	104%	113%	8.2%	70-130	103%	70-130
Chlorobenzene	102%	113%	11%	70-130	103%	70-130
Surrogate Recovery:						
Dibromofluoromethane	98%	100%		60-140	106%	60-140
Toluene-d8	99%	98%		60-140	101%	60-140
4-Bromofluorobenzene	97%	97%		60-140	86%	60-140

Method Blank Not Detected

MS = Matrix Spike
MSD = Matrix Spike Duplicate
RPD Relative Percent Difference

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Chain-of-Custody Record

Client

Date

Project Name

Client Project #

Project Address

Turn Around Requested:
- ☐ Immediate Attention
- ☐ Rush 24-48 Hours
- ☐ Rush 72-96 Hours
- ☐ Normal
- ☒ Mobile Lab

Project Contact

SOIL GAS
Purge Vol: ☐ 1P ☒ 3P ☐ 7P
Tracer: _____
Purge Rate: _____ cc/min

JEL Project #

Page _____ of _____

Lab Use Only
Sample Condition as Received:
Chilled ☐ yes ☐ no
Sealed ☐ yes ☐ no

Sample ID	Purge Volume	Discussion	Date	Time	Laboratory Sample Number	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)	Analysis Requested						Number of Containers	Remarks/Special Instructions

❶ Relinquished by (signature)	Date	❷ Received by (signature)	Date		Total Number of Containers
Company	Time	Company	Time		
❸ Relinquished by (signature)	Date	❹ Received by Laboratory (signature)	Date	The delivery of samples and the signature on this Chain of Custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.	
Company	Time	Company	Time		

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	4/28/2010
Client Address:	P.O. Box 1996 Tustin, CA 92681-1996	**JEL Ref. No.:**	B-5000
		Client Ref. No.:	7115
Attn:	Alejandro Fuan	**Date Sampled:**	4/28/2010
		Date Received:	4/28/2010
Project:	Fullerton Universal	**Date Analyzed:**	4/28/2010
Project Address:	1551 E. Orangethorpe Fullerton, CA	**Physical State:**	Soil Gas

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By

ANALYSES REQUESTED

1. EPA 8260B- Volatile Organics by GC/MS - Oxygenates

Sampling Soil Gas samples are collected in glass gas-tight syringes equipped with Teflon plungers. Tubing placed in the ground for soil gas sampling is purged three different times as recommended by DTSC/RWQCB regulations. This purge test determines how many purges of the soil gas tubing are needed throughout the project. One, three and seven purge volumes were analyzed to make this determination.

A tracer gas, n-Propanol, was placed at the tubing-surface interface before sampling. This compound is analyzed during the 8260B analytical run to determine if there are surface leaks into the subsurface due to improper installation of the probe. No n-Propanol was found in any of the samples reported herein.

The sampling rate was approximately 200 cc/min except when noted differently on the chain of custody record using a gas tight syringe. 3 purge volumes were used since this purging level gave the highest results for the compound(s) of greatest interest.

Analytical – Soil Gas samples were analyzed using EPA Method 8260 that includes extra compounds required by DTSC/RWQCB (such as Freon 113). Instrument Continuing Calibration Verification , QC Reference Standards, Instrument Blanks and Ambient Air Blanks are analyzed every 12 hours as prescribed by the method. In addition, Matrix Spike (MS) and Matrix Spike Duplicates (MSD) are analyzed with each batch of Soil Gas samples. A duplicate sample is analyzed each day of the sampling activity.

All samples were analyzed within 30 minutes of sampling.

Approval:

Steve Jones, Ph.D.
Laboratory Manager

JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	4/28/2010
Client Address:	P.O. Box 1996	**JEL Ref. No.:**	B-5000
	Tustin, CA 92681-1996	**Client Ref. No.:**	7115
Attn:	Alejandro Fuan	**Date Sampled:**	4/28/2010
		Date Received:	4/28/2010
Project:	Fullerton Universal	**Date Analyzed:**	4/28/2010
Project Address:	1551 E. Orangethorpe	**Physical State:**	Soil Gas
	Fullerton, CA		

ANALYSES REQUESTED

1. EPA 8260B- Volatile Organics by GC/MS - Oxygenates

Sampling - Soil Gas samples are collected in glass gas-tight syringes equipped with Teflon plungers. Tubing placed in the ground for soil gas sampling is purged three different times as recommended by DTSC/RWQCB regulations. This purge test determines how many purges of the soil gas tubing are needed throughout the project. One, three and seven purge volumes were analyzed to make this determination.

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All samples were analyzed within 30 minutes of sampling.

Approval: _____

Steve Jones, Ph.D.
Laboratory Manager

Jones Environmental, Inc.
Testing Laboratories
[illegible]
[illegible]

JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	4/28/2010
Client Address:	P.O. Box 1996	**JEL Ref. No.:**	B-5000
	Tustin, CA 92681-1996	**Client Ref. No.:**	7115
Attn:	Alejandro Fuan	**Date Sampled:**	4/28/2010
		Date Received:	4/28/2010
Project:	Fullerton Universal	**Date Analyzed:**	4/28/2010
Project Address:	1551 E. Orangethorpe	**Physical State:**	Soil Gas
	Fullerton, CA		

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID:	SV34-15	SV43-SS	SV43-5	SV43-15	SV44-5	Practical Quantitation Limit	Units
Analytes:							
Benzene	ND	ND	ND	ND	ND	0.020	μg/L
Bromobenzene	ND	ND	ND	ND	ND	0.020	μg/L
Bromodichloromethane	ND	ND	ND	ND	ND	0.020	μg/L
Bromoform	ND	ND	ND	ND	ND	0.020	μg/L
n-Butylbenzene	ND	ND	ND	ND	ND	0.020	μg/L
sec-Butylbenzene	ND	ND	ND	ND	ND	0.020	μg/L
tert-Butylbenzene	ND	ND	ND	ND	ND	0.020	μg/L
Carbon tetrachloride	ND	ND	ND	ND	ND	0.020	μg/L
Chlorobenzene	ND	ND	ND	ND	ND	0.020	μg/L
Chloroethane	ND	ND	ND	ND	ND	0.020	μg/L
Chloroform	ND	ND	ND	ND	ND	0.020	μg/L
Chloromethane	ND	ND	ND	ND	ND	0.020	μg/L
2-Chlorotoluene	ND	ND	ND	ND	ND	0.020	μg/L
4-Chlorotoluene	ND	ND	ND	ND	ND	0.020	μg/L
Dibromochloromethane	ND	ND	ND	ND	ND	0.020	μg/L
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	0.020	μg/L
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	0.020	μg/L
Dibromomethane	ND	ND	ND	ND	ND	0.020	μg/L
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	0.020	μg/L
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	0.020	μg/L
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	0.020	μg/L
Dichlorodifluoromethane	ND	ND	ND	ND	ND	0.020	μg/L
1,1-Dichloroethane	ND	ND	ND	ND	ND	0.020	μg/L
1,2-Dichloroethane	ND	ND	ND	ND	ND	0.020	μg/L
1,1-Dichloroethene	ND	ND	ND	0.155	ND	0.020	μg/L

ND = Not Detected

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	4/28/2010
Client Address:	P.O. Box 1996	**JEL Ref. No.:**	B-5000
	Tustin, CA 92681-1996	**Client Ref. No.:**	7115
Attn:	Alejandro Fuan	**Date Sampled:**	4/28/2010
		Date Received:	4/28/2010
Project:	Fullerton Universal	**Date Analyzed:**	4/28/2010
Project Address:	1551 E. Orangethorpe	**Physical State:**	Soil Gas
	Fullerton, CA		

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID:	SV34-15	SV43-SS	SV43-5	SV43-15	SV44-5	Practical Quantitation Limit	Units
Analytes:							
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.020	µg/L
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.020	µg/L
1,2-Dichloropropane	ND	ND	ND	ND	ND	0.020	µg/L
1,3-Dichloropropane	ND	ND	ND	ND	ND	0.020	µg/L
2,2-Dichloropropane	ND	ND	ND	ND	ND	0.020	µg/L
1,1-Dichloropropene	ND	ND	ND	ND	ND	0.020	µg/L
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.020	µg/L
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.020	µg/L
Ethylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Freon 113	ND	ND	ND	ND	ND	0.020	µg/L
Hexachlorobutadiene	ND	ND	ND	ND	ND	0.020	µg/L
Isopropylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
4-Isopropyltoluene	ND	ND	ND	ND	ND	0.020	µg/L
Methylene chloride	ND	ND	ND	ND	ND	0.020	µg/L
Naphthalene	ND	ND	ND	ND	ND	0.020	µg/L
n-Propylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Styrene	ND	ND	ND	ND	ND	0.020	µg/L
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.020	µg/L
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.020	µg/L
Tetrachloroethylene	ND	**1.12**	**0.460**	**3.02**	ND	0.020	µg/L
Toluene	ND	ND	ND	ND	ND	0.020	µg/L
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	0.020	µg/L
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	0.020	µg/L
Trichloroethylene	ND	ND	ND	**0.069**	ND	0.020	µg/L

ND= Not Detected

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LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	4/28/2010
Client Address:	P.O. Box 1996	**JEL Ref. No.:**	B-5000
	Tustin, CA 92681-1996	**Client Ref. No.:**	7115
Attn:	Alejandro Fuan	**Date Sampled:**	4/28/2010
		Date Received:	4/28/2010
Project:	Fullerton Universal	**Date Analyzed:**	4/28/2010
Project Address:	1551 E. Orangethorpe	**Physical State:**	Soil Gas
	Fullerton, CA		

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID:	SV34-15	SV43-SS	SV43-5	SV43-15	SV44-5	Practical Quantitation Limit	Units
Analytes:							
Trichlorofluoromethane	ND	ND	ND	ND	ND	0.020	µg/L
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	0.020	µg/L
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Vinyl Chloride	ND	ND	ND	ND	ND	0.020	µg/L
Xylenes	ND	ND	ND	ND	ND	0.020	µg/L
MTBE	ND	ND	ND	ND	ND	0.020	µg/L
Ethyl-tert-butylether	ND	ND	ND	ND	ND	0.020	µg/L
Di-isopropylether	ND	ND	ND	ND	ND	0.020	µg/L
tert-amylmethylether	ND	ND	ND	ND	ND	0.020	µg/L
tert-Butylalcohol	ND	ND	ND	ND	ND	0.100	µg/L
TIC:							
n-Propanol	ND	ND	ND	ND	ND	0.020	µg/L
Dilution Factor	1	1	1	1	1		
Surrogate Recovery:						**QC Limits**	
Dibromofluoromethane	94%	104%	88%	100%	85%	75 - 125	
Toluene-d_8	98%	100%	91%	101%	96%	75 - 125	
4-Bromofluorobenzene	100%	99%	105%	94%	109%	75 - 125	
	B1-042810-CHECKS_1	B2-042810-CHECKS_1	B1-042810-CHECKS_1	B2-042810-CHECKS_1	B1-042810-CHECKS_1		

ND Not Detected

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	4/28/2010
Client Address:	P.O. Box 1996	**JEL Ref. No.:**	B-5000
	Tustin, CA 92681-1996	**Client Ref. No.:**	7115
Attn:	Alejandro Fuan	**Date Sampled:**	4/28/2010
		Date Received:	4/28/2010
Project:	Fullerton Universal	**Date Analyzed:**	4/28/2010
Project Address:	1551 E. Orangethorpe	**Physical State:**	Soil Gas
	Fullerton, CA		

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID:	SV44-15	SV44-25	SV44-25 DUP	SV43-SS DUP	SV27-5	Practical Quantitation Limit	Units
Analytes:							
Benzene	ND	ND	ND	ND	ND	0.020	µg/L
Bromobenzene	ND	ND	ND	ND	ND	0.020	µg/L
Bromodichloromethane	ND	ND	ND	ND	ND	0.020	µg/L
Bromoform	ND	ND	ND	ND	ND	0.020	µg/L
n-Butylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
sec-Butylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
tert-Butylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Carbon tetrachloride	ND	ND	ND	ND	ND	0.020	µg/L
Chlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
Chloroethane	ND	ND	ND	ND	ND	0.020	µg/L
Chloroform	ND	ND	ND	ND	ND	0.020	µg/L
Chloromethane	ND	ND	ND	ND	ND	0.020	µg/L
2-Chlorotoluene	ND	ND	ND	ND	ND	0.020	µg/L
4-Chlorotoluene	ND	ND	ND	ND	ND	0.020	µg/L
Dibromochloromethane	ND	ND	ND	ND	ND	0.020	µg/L
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	0.020	µg/L
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	0.020	µg/L
Dibromomethane	ND	ND	ND	ND	ND	0.020	µg/L
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
Dichlorodifluoromethane	ND	ND	ND	ND	ND	0.020	µg/L
1,1-Dichloroethane	ND	ND	ND	ND	ND	0.020	µg/L
1,2-Dichloroethane	ND	ND	ND	ND	ND	0.020	µg/L
1,1-Dichloroethene	ND	ND	ND	ND	ND	0.020	µg/L

ND = Not Detected

Jones Environmental, Inc.
Testing Laboratories

JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	4/28/2010
Client Address:	P.O. Box 1996	**JEL Ref. No.:**	B-5000
	Tustin, CA 92681-1996	**Client Ref. No.:**	7115
Attn:	Alejandro Fuan	**Date Sampled:**	4/28/2010
		Date Received:	4/28/2010
Project:	Fullerton Universal	**Date Analyzed:**	4/28/2010
Project Address:	1551 E. Orangethorpe	**Physical State:**	Soil Gas
	Fullerton, CA		

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID:	SV44-15	SV44-25	SV44-25 DUP	SV43-55 DUP	SV27-5	Practical Quantitation Limits	Units
Analytes:							
cis-1,2-Dichloroethene	ND	**0.602**	**0.629**	ND	ND	0.020	µg/L
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.020	µg/L
1,2-Dichloropropane	ND	ND	ND	ND	ND	0.020	µg/L
1,3-Dichloropropane	ND	ND	ND	ND	ND	0.020	µg/L
2,2-Dichloropropane	ND	ND	ND	ND	ND	0.020	µg/L
1,1-Dichloropropene	ND	ND	ND	ND	ND	0.020	µg/L
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.020	µg/L
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.020	µg/L
Ethylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Freon 113	ND	ND	ND	ND	ND	0.020	µg/L
Hexachlorobutadiene	ND	ND	ND	ND	ND	0.020	µg/L
Isopropylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
4-Isopropyltoluene	ND	ND	ND	ND	ND	0.020	µg/L
Methylene chloride	ND	ND	ND	ND	ND	0.020	µg/L
Naphthalene	ND	ND	ND	ND	ND	0.020	µg/L
n-Propylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Styrene	ND	ND	ND	ND	ND	0.020	µg/L
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.020	µg/L
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.020	µg/L
Tetrachloroethylene	**0.135**	**0.410**	**0.450**	**0.759**	ND	0.020	µg/L
Toluene	ND	ND	ND	ND	ND	0.020	µg/L
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	0.020	µg/L
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	0.020	µg/L
Trichloroethylene	ND	**0.287**	**0.309**	ND	ND	0.020	µg/L

ND = Not Detected

Jones Environmental Inc.
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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	4/28/2010
Client Address:	P.O. Box 1996	**JEL Ref. No.:**	B-5000
	Tustin, CA 92681-1996	**Client Ref. No.:**	7115
Attn:	Alejandro Fuan	**Date Sampled:**	4/28/2010
		Date Received:	4/28/2010
Project:	Fullerton Universal	**Date Analyzed:**	4/28/2010
Project Address:	1551 E. Orangethorpe	**Physical State:**	Soil Gas
	Fullerton, CA		

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID: / **Analytes:**	**SV44-15**	**SV44-25**	**SV44-25 DUP**	**SV43-SS DUP**	**SV27-5**	**Practical Quantitation Limits**	**Units**
Trichlorofluoromethane	ND	ND	ND	ND	ND	0.020	µg/L
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	0.020	µg/L
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Vinyl chloride	ND	ND	ND	ND	ND	0.020	µg/L
Xylenes	ND	ND	ND	ND	ND	0.020	µg/L
MTBE	ND	ND	ND	ND	ND	0.020	µg/L
Ethyl-tert-butylether	ND	ND	ND	ND	ND	0.020	µg/L
Di-isopropylether	ND	ND	ND	ND	ND	0.020	µg/L
tert-amylmethylether	ND	ND	ND	ND	ND	0.020	µg/L
tert-Butylalcohol	ND	ND	ND	ND	ND	0.100	µg/L
TIC:							
n-Propanol	ND	ND	ND	ND	ND	0.020	µg/L
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	109%	89%	92%	104%	85%	75 - 125	
Toluene-d_8	103%	98%	95%	101%	97%	75 - 125	
4-Bromofluorobenzene	98%	101%	110%	95%	105%	75 - 125	
	B2-042810-CHECKS 1	B1-042810-CHECKS 1	B1-042810-CHECKS 1	B2-042810-CHECKS 1	B1-042810-CHECKS 1		

ND = Not Detected

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P.O. Box 533 • Fullerton, CA 92836
(714) 449-9937 • FAX (714) 449-9685

JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	4/28/2010
Client Address:	P.O. Box 1996	**JEL Ref. No.:**	B-5000
	Tustin, CA 92681-1996	**Client Ref. No.:**	7115
Attn:	Alejandro Fuan	**Date Sampled:**	4/28/2010
		Date Received:	4/28/2010
Project:	Fullerton Universal	**Date Analyzed:**	4/28/2010
Project Address:	1551 E. Orangethorpe	**Physical State:**	Soil Gas
	Fullerton, CA		

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID:	VEW3-5	VEW3-15	VEW3-25	VEW7-5	Practical Quantitation Limit	Units
Analytes:						
Benzene	ND	ND	ND	ND	0.020	µg/L
Bromobenzene	ND	ND	ND	ND	0.020	µg/L
Bromodichloromethane	ND	ND	ND	ND	0.020	µg/L
Bromoform	ND	ND	ND	ND	0.020	µg/L
n-Butylbenzene	ND	ND	ND	ND	0.020	µg/L
sec-Butylbenzene	ND	ND	ND	ND	0.020	µg/L
tert-Butylbenzene	ND	ND	ND	ND	0.020	µg/L
Carbon tetrachloride	ND	ND	ND	ND	0.020	µg/L
Chlorobenzene	ND	ND	ND	ND	0.020	µg/L
Chloroethane	ND	ND	ND	ND	0.020	µg/L
Chloroform	ND	ND	0.342	ND	0.020	µg/L
Chloromethane	ND	ND	ND	ND	0.020	µg/L
2-Chlorotoluene	ND	ND	ND	ND	0.020	µg/L
4-Chlorotoluene	ND	ND	ND	ND	0.020	µg/L
Dibromochloromethane	ND	ND	ND	ND	0.020	µg/L
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	0.020	µg/L
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	0.020	µg/L
Dibromomethane	ND	ND	ND	ND	0.020	µg/L
1,2- Dichlorobenzene	ND	ND	ND	ND	0.020	µg/L
1,3-Dichlorobenzene	ND	ND	ND	ND	0.020	µg/L
1,4-Dichlorobenzene	ND	ND	ND	ND	0.020	µg/L
Dichlorodifluoromethane	ND	ND	ND	ND	0.020	µg/L
1,1-Dichloroethane	ND	ND	0.596	ND	0.020	µg/L
1,2-Dichloroethane	ND	ND	ND	ND	0.020	µg/L
1,1-Dichloroethene	ND	1.46	22.5*	ND	0.020	µg/L

ND - Not Detected

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Testing Laboratories

JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	4/28/2010
Client Address:	P.O. Box 1996	**JEL Ref. No.:**	B-5000
	Tustin, CA 92681-1996	**Client Ref. No.:**	7115
Attn:	Alejandro Fuan	**Date Sampled:**	4/28/2010
		Date Received:	4/28/2010
Project:	Fullerton Universal	**Date Analyzed:**	4/28/2010
Project Address:	1551 E. Orangethorpe	**Physical State:**	Soil Gas
	Fullerton, CA		

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID:	VEW3-5	VEW3-15	VEW3-25	VEW7-5	Practical Quantitation Limit	Units
Analytes:						
cis-1,2-Dichloroethene	ND	**0.070**	**3.78**	ND	0.020	µg/L
trans-1,2-Dichloroethene	ND	ND	ND	ND	0.020	µg/L
1,2-Dichloropropane	ND	ND	ND	ND	0.020	µg/L
1,3-Dichloropropane	ND	ND	ND	ND	0.020	µg/L
2,2-Dichloropropane	ND	ND	ND	ND	0.020	µg/L
1,1-Dichloropropene	ND	ND	ND	ND	0.020	µg/L
cis-1,3-Dichloropropene	ND	ND	ND	ND	0.020	µg/L
trans-1,3-Dichloropropene	ND	ND	ND	ND	0.020	µg/L
Ethylbenzene	ND	ND	ND	ND	0.020	µg/L
Freon 113	ND	ND	ND	ND	0.020	µg/L
Hexachlorobutadiene	ND	ND	ND	ND	0.020	µg/L
Isopropylbenzene	ND	ND	ND	ND	0.020	µg/L
4-Isopropyltoluene	ND	ND	ND	ND	0.020	µg/L
Methylene chloride	ND	ND	ND	ND	0.020	µg/L
Naphthalene	ND	ND	ND	ND	0.020	µg/L
n-Propylbenzene	ND	ND	ND	ND	0.020	µg/L
Styrene	ND	ND	ND	ND	0.020	µg/L
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	0.020	µg/L
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	0.020	µg/L
Tetrachloroethylene	**16.6**	**92.3***	**87.6***	ND	0.020	µg/L
Toluene	ND	ND	ND	ND	0.020	µg/L
1,2,3-Trichlorobenzene	ND	ND	ND	ND	0.020	µg/L
1,2,4-Trichlorobenzene	ND	ND	ND	ND	0.020	µg/L
1,1,1-Trichloroethane	ND	ND	**0.306**	ND	0.020	µg/L
1,1,2-Trichloroethane	ND	ND	**2.69**	ND	0.020	µg/L
Trichloroethylene	**0.699**	**3.51**	**11.9***	ND	0.020	µg/L

ND= Not Detected

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Testing Laboratories

JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	4/28/2010
Client Address:	P.O. Box 1996	**JEL Ref. No.:**	B-5000
	Tustin, CA 92681-1996	**Client Ref. No.:**	7115
Attn:	Alejandro Fuan	**Date Sampled:**	4/28/2010
		Date Received:	4/28/2010
Project:	Fullerton Universal	**Date Analyzed:**	4/28/2010
Project Address:	1551 E. Orangethorpe	**Physical State:**	Soil Gas
	Fullerton, CA		

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID:	VEW3-5	VEW3-15	VEW3-25	VEW7-5	Practical Quantitation Limit	Units
Analytes:						
Trichlorofluoromethane	ND	ND	ND	ND	0.020	µg/L
1,2,3-Trichloropropane	ND	ND	ND	ND	0.020	µg/L
1,2,4-Trimethylbenzene	ND	ND	ND	ND	0.020	µg/L
1,3,5-Trimethylbenzene	ND	ND	ND	ND	0.020	µg/L
Vinyl chloride	ND	ND	ND	ND	0.020	µg/L
Xylenes	ND	ND	ND	ND	0.020	µg/L
MTBE	ND	ND	ND	ND	0.020	µg/L
Ethyl-tert-butylether	ND	ND	ND	ND	0.020	µg/L
Di-isopropylether	ND	ND	ND	ND	0.020	µg/L
tert-amylmethylether	ND	ND	ND	ND	0.020	µg/L
tert-Butylalcohol	ND	ND	ND	ND	0.100	µg/L
TIC:						
n-Propanol	ND	ND	ND	ND	0.020	µg/L
Dilution Factor	1	1 * 10[9]	1 * 10[5]	1		
Surrogate Recoveries:					**QC Limits**	
Dibromofluoromethane	93%	86%	106%	92%	75 - 125	
Toluene-d_8	97%	95%	97%	99%	75 - 125	
4-Bromofluorobenzene	100%	98%	95%	99%	75 - 125	
	B1-042810-CHECKS 1	B1-042810-CHECKS 1	B2-042810-CHECKS 1	B1-042810-CHECKS 1		

ND = Not Detected

* = Dilutions for these compound(s); first number of all others

Jones Environmental, Inc
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JONES ENVIRONMENTAL
QUALITY CONTROL INFORMATION

Client:	The Reynolds Group	**Report date:**	4/28/2010
Client Address:	P.O. Box 1996	**JEL Ref. No.:**	B-5000
	Tustin, CA 92681-1996	**Client Ref. No.:**	7115
Attn:	Alejandro Fuan	**Date Sampled:**	4/28/2010
		Date Received:	4/28/2010
Project:	Fullerton Universal	**Date Analyzed:**	4/28/2010
Project Address:	1551 E. Orangethorpe	**Physical State:**	Soil Gas
	Fullerton, CA		

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample Spiked: Ambient Air   **GC#:** B1-042810-CHECKS 1

Parameter	MS Recovery (%)	MSD Recovery (%)	RPD	Acceptability Range (%)	LCS	Acceptability Range (%)
1,1-Dichloroethylene	87%	99%	13.0%	70-130	102%	70-130
Benzene	105%	111%	5.8%	70-130	102%	70-130
Trichloroethylene	97%	104%	7.3%	70-130	102%	70-130
Toluene	106%	102%	3.6%	70-130	106%	70-130
Chlorobenzene	119%	105%	13.1%	70-130	107%	70-130
Gasoline	103%	104%	1.4%	70-130		70-130
Surrogate Recovery:						
Dibromofluoromethane	95%	96%		60-140	100%	60-140
Toluene-d8	97%	96%		60-140	98%	60-140
4-Bromofluorobenzene	105%	107%		60-140	90%	60-140

Method Blank -- Not Detected

MS = Matrix Spike
MSD = Matrix Spike Duplicate
RPD = Relative Percent Difference

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[illegible]

JONES ENVIRONMENTAL
QUALITY CONTROL INFORMATION

Client:	The Reynolds Group	**Report date:**	4/28/2010
Client Address:	P.O. Box 1996	**JEL Ref. No.:**	B-5000
	Tustin, CA 92681-1996	**Client Ref. No.:**	7115
Attn:	Alejandro Fuan	**Date Sampled:**	4/28/2010
		Date Received:	4/28/2010
Project:	Fullerton Universal	**Date Analyzed:**	4/28/2010
Project Address:	1551 E. Orangethorpe	**Physical State:**	Soil Gas
	Fullerton, CA		

EPA 8260D-Volatile Organics by GC/MS + Oxygenates

Sample Spiked: Ambient Air **GC#:** B2-042810-CHECKS 1

Parameter	MS Recovery (%)	MSD Recovery (%)	RPD	Acceptability Range (%)	LCS	Acceptability Range (%)
1,1-Dichloroethylene	89%	94%	5.5%	70-130	99%	70-130
Benzene	117%	126%	7.9%	70-130	114%	70-130
Trichloroethylene	93%	105%	12.3%	70-130	96%	70-130
Toluene	104%	113%	8.2%	70-130	103%	70-130
Chlorobenzene	102%	113%	10.6%	70-130	103%	70-130
Gasoline	100%	110%	8.8%	70-130		70-130
Surrogate Recovery:						
Dibromofluoromethane	98%	100%		60-140	106%	60-140
Toluene-d8	99%	98%		60-140	101%	60-140
4-Bromofluorobenzene	97%	97%		60-140	86%	60-140

Method Blank = Not Detected

MS = Matrix Spike
MSD = Matrix Spike Duplicate
RPD = Relative Percent Difference

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Chain-of-Custody Record

Client

Date

Project Name

Client Project #

Project Address

Turn Around Requested:
- ☐ Immediate Attention
- ☐ Rush 24-48 Hours
- ☐ Rush 72-96 Hours
- ☐ Normal
- ☐ Mobile Lab

Project Contact

SOIL GAS
Purge Vol: ☐ 1P ☐ 3P ☐ 7P
Tracer: _____
Purge Rate: _____ cc/min

JEL Project #

Page _____ of _____

Lab Use Only
Sample Condition as Received:
Chilled ☐ yes ☐ no
Sealed ☐ yes ☐ no

Analysis Requested

Sample ID	Purge Volume	Discussion	Date	Time	Laboratory Sample Number	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)							Number of Containers	Remarks/Special Instructions

❶ Relinquished by (signature)	Date	❷ Received by (signature)	Date
Company	Time	Company	Time
❸ Relinquished by (signature)	Date	❹ Received by Laboratory (signature)	Date
Company	Time	Company	Time

Total Number of Containers

The delivery of samples and the signature on this Chain of Custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

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Chain-of-Custody Record

Client

Date

Project Name

Client Project #

Project Address

Turn Around Requested:
- ☐ Immediate Attention
- ☐ Rush 24-48 Hours
- ☐ Rush 72-96 Hours
- ☐ Normal
- ☑ Mobile Lab

Project Contact

SOIL GAS
Purge Vol: ☐ 1P ☑ 3P ☐ 7P
Tracer:
Purge Rate: cc/min

JEL Project #

Page

Lab Use Only
Sample Condition as Received:
Chilled ☐ yes ☐ no
Sealed ☐ yes ☐ no

Analysis Requested

Sample ID	Purge Volume	Discussion	Date	Time	Laboratory Sample Number	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)							Number of Containers	Remarks/Special Instructions

❶ Relinquished by (signature)	Date	❷ Received by (signature)	Date	Total Number of Containers
Company	Time	Company	Time	
❸ Relinquished by (signature)	Date	❹ Received by Laboratory (signature)	Date	
Company	Time	Company	Time	

The delivery of samples and the signature on this Chain of Custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

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Testing Laboratories

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	8/2/2011
Client Address:	520 West 1st Street	**JEL Ref. No.:**	B-5193
	Tustin, CA 92780	**Client Ref. No.:**	7115
Attn:	Al Fuan	**Date Sampled:**	8/2/2011
		Date Received:	8/2/2011
Project:	Universal Fullerton	**Date Analyzed:**	8/2/2011
Project Address:	1551 E. Orangethorpe Ave.	**Physical State:**	Soil Gas
	Fullerton, CA		

EPA 8260B-Volatile Organics by GC/MS + Oxygenates/
Total Petroleum Hydrocarbons

Sample ID:	VEW3-15' 1P	VEW3-15' 3P	VEW-15' 7P	VEW3-5'	VEW3-25'	Practical Quantitation Limit	Units
Analytes:							
Benzene	ND	ND	ND	ND	ND	0.020	µg/L
Bromobenzene	ND	ND	ND	ND	ND	0.020	µg/L
Bromodichloromethane	ND	ND	ND	ND	ND	0.020	µg/L
Bromoform	ND	ND	ND	ND	ND	0.020	µg/L
n-Butylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
sec-Butylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
tert-Butylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Carbon tetrachloride	ND	ND	ND	ND	ND	0.020	µg/L
Chlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
Chloroethane	ND	ND	ND	ND	ND	0.020	µg/L
Chloroform	ND	ND	ND	ND	ND	0.020	µg/L
Chloromethane	ND	ND	ND	ND	ND	0.020	µg/L
2-Chlorotoluene	ND	ND	ND	ND	ND	0.020	µg/L
4-Chlorotoluene	ND	ND	ND	ND	ND	0.020	µg/L
Dibromochloromethane	ND	ND	ND	ND	ND	0.020	µg/L
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	0.020	µg/L
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	0.020	µg/L
Dibromomethane	ND	ND	ND	ND	ND	0.020	µg/L
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
Dichlorodifluoromethane	ND	ND	ND	ND	ND	0.020	µg/L
1,1-Dichloroethane	ND	ND	ND	ND	ND	0.020	µg/L
1,2-Dichloroethane	ND	ND	ND	ND	ND	0.020	µg/L
1,1-Dichloroethene	**0.444**	**0.302**	**0.294**	ND	**12.8**	0.020	µg/L

ND = Not Detected

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	8/2/2011
Client Address:	520 West 1st Street	**JEL Ref. No.:**	B-5193
	Tustin, CA 92780	**Client Ref. No.:**	7115
Attn:	Al Fuan	**Date Sampled:**	8/2/2011
		Date Received:	8/2/2011
Project:	Universal Fullerton	**Date Analyzed:**	8/2/2011
Project Address:	1551 E. Orangethorpe Ave.	**Physical State:**	Soil Gas
	Fullerton, CA		

EPA 8260B-Volatile Organics by GC/MS + Oxygenates/
Total Petroleum Hydrocarbons

Sample ID: / Analytes:	VEW3-15' 1P	VEW3-15' 3P	VEW-15' 7P	VEW3-5'	VEW3-25'	Practical Quantitation Limit	Units
cis-1,2-Dichloroethene	ND	ND	ND	ND	**0.484**	0.020	µg/L
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.020	µg/L
1,2-Dichloropropane	ND	ND	ND	ND	ND	0.020	µg/L
1,3-Dichloropropane	ND	ND	ND	ND	ND	0.020	µg/L
2,2-Dichloropropane	ND	ND	ND	ND	ND	0.020	µg/L
1,1-Dichloropropene	ND	ND	ND	ND	ND	0.020	µg/L
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.020	µg/L
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.020	µg/L
Ethylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Freon 113	ND	ND	ND	ND	ND	0.020	µg/L
Hexachlorobutadiene	ND	ND	ND	ND	ND	0.020	µg/L
Isopropylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
4-Isopropyltoluene	ND	ND	ND	ND	ND	0.020	µg/L
Methylene chloride	ND	ND	ND	ND	ND	0.020	µg/L
Naphthalene	ND	ND	ND	ND	ND	0.020	µg/L
n-Propylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Styrene	ND	ND	ND	ND	ND	0.020	µg/L
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.020	µg/L
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.020	µg/L
Tetrachloroethylene	**31.3**	**27.0**	**25.1**	**9.17**	**206***	0.020	µg/L
Toluene	ND	ND	ND	ND	ND	0.020	µg/L
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,1,1-Trichloroethane	**0.035**	**0.02**	**0.023**	**0.299**	ND	0.020	µg/L
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	0.020	µg/L
Trichloroethylene	**1.85**	**1.60**	**1.51**	**0.515**	**14.6**	0.020	µg/L

ND = Not Detected

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JONES ENVIRONMENTAL

LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	8/2/2011
Client Address:	520 West 1st Street	**JEL Ref. No.:**	B-5193
	Tustin, CA 92780	**Client Ref. No.:**	7115
Attn:	Al Fuan	**Date Sampled:**	8/2/2011
		Date Received:	8/2/2011
Project:	Universal Fullerton	**Date Analyzed:**	8/2/2011
Project Address:	1551 E. Orangethorpe Ave.	**Physical State:**	Soil Gas
	Fullerton, CA		

EPA 8260B-Volatile Organics by GC/MS + Oxygenates/
Total Petroleum Hydrocarbons

Sample ID: / Analytes:	VEW3-15' 1P	VEW3-15' 3P	VEW-15' 7P	VEW3-5'	VEW3-25'	Practical Quantitation Limit	Units
Trichlorofluoromethane	ND	ND	ND	ND	ND	0.020	µg/L
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	0.020	µg/L
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Vinyl chloride	ND	ND	ND	ND	ND	0.020	µg/L
Xylenes	ND	ND	ND	ND	ND	0.020	µg/L
MTBE	ND	ND	ND	ND	ND	0.020	µg/L
Ethyl-tert-butylether	ND	ND	ND	ND	ND	0.020	µg/L
Di-isopropylether	ND	ND	ND	ND	ND	0.020	µg/L
tert-amylmethylether	ND	ND	ND	ND	ND	0.020	µg/L
tert-Butylalcohol	ND	ND	ND	ND	ND	0.100	µg/L
TIC:							
n-propanol	ND	ND	ND	ND	ND	0.020	µg/L
Dilution Factor	1	1	1	1	1/20*		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	99%	101%	100%	95%	100%	75 - 125	
Toluene-d_8	101%	94%	95%	100%	98%	75 - 125	
4-Bromofluorobenzene	94%	95%	94%	97%	97%	75 - 125	
	B2-080211-CHECKS_1	B2-080211-CHECKS_1	B2-080211-CHECKS_1	B1-080211-CHECKS 1	B2-080211-CHECKS_1		

ND= Not Detected

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	8/2/2011
Client Address:	520 West 1st Street	**JEL Ref. No.:**	B-5193
	Tustin, CA 92780	**Client Ref. No.:**	7115
Attn:	Al Fuan	**Date Sampled:**	8/2/2011
		Date Received:	8/2/2011
Project:	Universal Fullerton	**Date Analyzed:**	8/2/2011
Project Address:	1551 E. Orangethorpe Ave.	**Physical State:**	Soil Gas
	Fullerton, CA		

EPA 8260B-Volatile Organics by GC/MS + Oxygenates/ Total Petroleum Hydrocarbons

Sample ID:	VEW4-5'	VEW4-15'	VEW4-25'	VEW5-5'	VEW6-5'	Practical Quantitation Limit	Units
Analytes:							
Benzene	ND	ND	ND	ND	ND	0.020	µg/L
Bromobenzene	ND	ND	ND	ND	ND	0.020	µg/L
Bromodichloromethane	ND	ND	ND	ND	ND	0.020	µg/L
Bromoform	ND	ND	ND	ND	ND	0.020	µg/L
n-Butylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
sec-Butylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
tert-Butylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Carbon tetrachloride	ND	ND	ND	ND	ND	0.020	µg/L
Chlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
Chloroethane	ND	ND	ND	ND	ND	0.020	µg/L
Chloroform	ND	ND	ND	ND	ND	0.020	µg/L
Chloromethane	ND	ND	ND	ND	ND	0.020	µg/L
2-Chlorotoluene	ND	ND	ND	ND	ND	0.020	µg/L
4-Chlorotoluene	ND	ND	ND	ND	ND	0.020	µg/L
Dibromochloromethane	ND	ND	ND	ND	ND	0.020	µg/L
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	0.020	µg/L
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	0.020	µg/L
Dibromomethane	ND	ND	ND	ND	ND	0.020	µg/L
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
Dichlorodifluoromethane	ND	ND	ND	ND	ND	0.020	µg/L
1,1-Dichloroethane	ND	ND	ND	**0.402**	ND	0.020	µg/L
1,2-Dichloroethane	ND	ND	ND	ND	ND	0.020	µg/L
1,1-Dichloroethene	ND	ND	ND	**0.326**	ND	0.020	µg/L

ND = Not Detected

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	8/2/2011
Client Address:	520 West 1st Street	**JEL Ref. No.:**	B-5193
	Tustin, CA 92780	**Client Ref. No.:**	7115
Attn:	Al Fuan	**Date Sampled:**	8/2/2011
		Date Received:	8/2/2011
Project:	Universal Fullerton	**Date Analyzed:**	8/2/2011
Project Address:	1551 E. Orangethorpe Ave.	**Physical State:**	Soil Gas
	Fullerton, CA		

EPA 8260B-Volatile Organics by GC/MS + Oxygenates/
Total Petroleum Hydrocarbons

Sample ID:	VEW4-5'	VEW4-15'	VEW4-25'	VEW5-5'	VEW6-5'	Practical Quantitation Limit	Units
Analytes:							
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.020	µg/L
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.020	µg/L
1,2-Dichloropropane	ND	ND	ND	ND	ND	0.020	µg/L
1,3-Dichloropropane	ND	ND	ND	ND	ND	0.020	µg/L
2,2-Dichloropropane	ND	ND	ND	ND	ND	0.020	µg/L
1,1-Dichloropropene	ND	ND	ND	ND	ND	0.020	µg/L
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.020	µg/L
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.020	µg/L
Ethylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Freon 113	ND	ND	ND	ND	ND	0.020	µg/L
Hexachlorobutadiene	ND	ND	ND	ND	ND	0.020	µg/L
Isopropylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
4-Isopropyltoluene	ND	ND	ND	ND	ND	0.020	µg/L
Methylene chloride	ND	ND	ND	ND	ND	0.020	µg/L
Naphthalene	ND	ND	ND	ND	ND	0.020	µg/L
n-Propylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Styrene	ND	ND	ND	ND	ND	0.020	µg/L
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.020	µg/L
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.020	µg/L
Tetrachloroethylene	**0.492**	**0.394**	ND	**0.320**	**0.432**	0.020	µg/L
Toluene	ND	ND	ND	ND	ND	0.020	µg/L
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,1,1-Trichloroethane	ND	ND	ND	**3.60**	ND	0.020	µg/L
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	0.020	µg/L
Trichloroethylene	ND	ND	ND	**0.442**	**0.154**	0.020	µg/L

ND = Not Detected

Jones Environmental, Inc.

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JONES ENVIRONMENTAL

LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	8/2/2011
Client Address:	520 West 1st Street	**JEL Ref. No.:**	B-5193
	Tustin, CA 92780	**Client Ref. No.:**	7115
Attn:	Al Fuan	**Date Sampled:**	8/2/2011
		Date Received:	8/2/2011
Project:	Universal Fullerton	**Date Analyzed:**	8/2/2011
Project Address:	1551 E. Orangethorpe Ave.	**Physical State:**	Soil Gas
	Fullerton, CA		

EPA 8260B-Volatile Organics by GC/MS + Oxygenates/ Total Petroleum Hydrocarbons

Sample ID:	VEW4-5'	VEW4-15'	VEW4-25'	VEW5-5'	VEW6-5'	Practical Quantitation Limit	Units
Analytes:							
Trichlorofluoromethane	ND	ND	ND	ND	ND	0.020	µg/L
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	0.020	µg/L
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Vinyl chloride	ND	ND	ND	ND	ND	0.020	µg/L
Xylenes	ND	ND	ND	ND	ND	0.020	µg/L
MTBE	ND	ND	ND	ND	ND	0.020	µg/L
Ethyl-tert-butylether	ND	ND	ND	ND	ND	0.020	µg/L
Di-isopropylether	ND	ND	ND	ND	ND	0.020	µg/L
tert-amylmethylether	ND	ND	ND	ND	ND	0.020	µg/L
tert-Butylalcohol	ND	ND	ND	ND	ND	0.100	µg/L
TIC:							
n-propanol	ND	ND	ND	ND	ND	0.020	µg/L
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	98%	94%	71%	73%	97%	75 - 125	
Toluene-d_8	98%	92%	98%	98%	90%	75 - 125	
4-Bromofluorobenzene	103%	94%	103%	104%	101%	75 - 125	
	B1-080211-CHECKS_1	B2-080211-CHECKS_1	B1-080211-CHECKS_1	B1-080211-CHECKS_1	B2-080211-CHECKS_1		

ND Not Detected

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Testing Laboratories

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	8/2/2011
Client Address:	520 West 1st Street	**JEL Ref. No.:**	B-5193
	Tustin, CA 92780	**Client Ref. No.:**	7115
Attn:	Al Fuan	**Date Sampled:**	8/2/2011
		Date Received:	8/2/2011
Project:	Universal Fullerton	**Date Analyzed:**	8/2/2011
Project Address:	1551 E. Orangethorpe Ave.	**Physical State:**	Soil Gas
	Fullerton, CA		

EPA 8260B-Volatile Organics by GC/MS + Oxygenates/
Total Petroleum Hydrocarbons

Sample ID:	VEW6-15'	VEW6-25'	VEW17-5'	VEW18-5'	SV36-SS	Practical Quantitation Limit	Units
Analytes:							
Benzene	ND	ND	ND	ND	ND	0.020	µg/L
Bromobenzene	ND	ND	ND	ND	ND	0.020	µg/L
Bromodichloromethane	ND	ND	ND	ND	ND	0.020	µg/L
Bromoform	ND	ND	ND	ND	ND	0.020	µg/L
n-Butylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
sec-Butylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
tert-Butylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Carbon tetrachloride	ND	ND	ND	ND	ND	0.020	µg/L
Chlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
Chloroethane	ND	ND	ND	ND	ND	0.020	µg/L
Chloroform	ND	ND	ND	ND	ND	0.020	µg/L
Chloromethane	ND	ND	ND	ND	ND	0.020	µg/L
2-Chlorotoluene	ND	ND	ND	ND	ND	0.020	µg/L
4-Chlorotoluene	ND	ND	ND	ND	ND	0.020	µg/L
Dibromochloromethane	ND	ND	ND	ND	ND	0.020	µg/L
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	0.020	µg/L
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	0.020	µg/L
Dibromomethane	ND	ND	ND	ND	ND	0.020	µg/L
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
Dichlorodifluoromethane	ND	ND	ND	ND	ND	0.020	µg/L
1,1-Dichloroethane	ND	ND	ND	ND	ND	0.020	µg/L
1,2-Dichloroethane	ND	ND	ND	ND	ND	0.020	µg/L
1,1-Dichloroethene	ND	**1.48**	**0.302**	ND	ND	0.020	µg/L

ND = Not Detected

Jones Environmental, Inc.

Testing Laboratories

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	8/2/2011
Client Address:	520 West 1st Street	**JEL Ref. No.:**	B-5193
	Tustin, CA 92780	**Client Ref. No.:**	7115
Attn:	Al Fuan	**Date Sampled:**	8/2/2011
		Date Received:	8/2/2011
Project:	Universal Fullerton	**Date Analyzed:**	8/2/2011
Project Address:	1551 E. Orangethorpe Ave.	**Physical State:**	Soil Gas
	Fullerton, CA		

EPA 8260B-Volatile Organics by GC/MS + Oxygenates/ Total Petroleum Hydrocarbons

Sample ID:	VEW6-15'	VEW6-25'	VEW17-5'	VEW18-5'	SV36-SS	Practical Quantitation Limit	Units
Analytes:							
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.020	µg/L
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.020	µg/L
1,2-Dichloropropane	ND	ND	ND	ND	ND	0.020	µg/L
1,3-Dichloropropane	ND	ND	ND	ND	ND	0.020	µg/L
2,2-Dichloropropane	ND	ND	ND	ND	ND	0.020	µg/L
1,1-Dichloropropene	ND	ND	ND	ND	ND	0.020	µg/L
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.020	µg/L
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.020	µg/L
Ethylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Freon 113	ND	ND	ND	ND	ND	0.020	µg/L
Hexachlorobutadiene	ND	ND	ND	ND	ND	0.020	µg/L
Isopropylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
4-Isopropyltoluene	ND	ND	ND	ND	ND	0.020	µg/L
Methylene chloride	ND	ND	ND	ND	ND	0.020	µg/L
Naphthalene	ND	ND	ND	ND	ND	0.020	µg/L
n-Propylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Styrene	ND	ND	ND	ND	ND	0.020	µg/L
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.020	µg/L
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.020	µg/L
Tetrachloroethylene	**0.313**	**2.18**	**2.22**	**0.402**	**3.04**	0.020	µg/L
Toluene	ND	ND	ND	ND	ND	0.020	µg/L
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,1,1-Trichloroethane	**0.286**	**3.46**	**0.636**	ND	**0.378**	0.020	µg/L
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	0.020	µg/L
Trichloroethylene	ND	**2.79**	**1.20**	**0.046**	**1.84**	0.020	µg/L

ND = Not Detected

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	8/2/2011
Client Address:	520 West 1st Street	**JEL Ref. No.:**	B-5193
	Tustin, CA 92780	**Client Ref. No.:**	7115
Attn:	Al Fuan	**Date Sampled:**	8/2/2011
		Date Received:	8/2/2011
Project:	Universal Fullerton	**Date Analyzed:**	8/2/2011
Project Address:	1551 E. Orangethorpe Ave.	**Physical State:**	Soil Gas
	Fullerton, CA		

EPA 8260B-Volatile Organics by GC/MS + Oxygenates/ Total Petroleum Hydrocarbons

Sample ID:	VEW6-15'	VEW6-25'	VEW17-5'	VEW18-5'	SV36-5S	Practical Quantitation Limit	Units
Analytes:							
Trichlorofluoromethane	ND	ND	ND	ND	ND	0.020	µg/L
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	0.020	µg/L
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Vinyl chloride	ND	ND	ND	ND	ND	0.020	µg/L
Xylenes	ND	ND	ND	ND	ND	0.020	µg/L
MTBE	ND	ND	ND	ND	ND	0.020	µg/L
Ethyl-tert-butylether	ND	ND	ND	ND	ND	0.020	µg/L
Di-isopropylether	ND	ND	ND	ND	ND	0.020	µg/L
tert-amylmethylether	ND	ND	ND	ND	ND	0.020	µg/L
tert-Butylalcohol	ND	ND	ND	ND	ND	0.100	µg/L
TIC:							
n-propanol	ND	ND	ND	ND	ND	0.020	µg/L
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	87%	99%	85%	103%	92%	75 - 125	
Toluene-d_8	99%	100%	100%	102%	102%	75 - 125	
4-Bromofluorobenzene	104%	101%	104%	102%	105%	75 - 125	
	B1-080211-CHECKS_1	B2-080211-CHECKS_1	B1-080211-CHECKS_1	B2-080211-CHECKS_1	B1-080211-CHECKS_1		

ND = Not Detected

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	8/2/2011
Client Address:	520 West 1st Street	**JEL Ref. No.:**	B-5193
	Tustin, CA 92780	**Client Ref. No.:**	7115
Attn:	Al Fuan	**Date Sampled:**	8/2/2011
		Date Received:	8/2/2011
Project:	Universal Fullerton	**Date Analyzed:**	8/2/2011
Project Address:	1551 E. Orangethorpe Ave.	**Physical State:**	Soil Gas
	Fullerton, CA		

EPA 8260B-Volatile Organics by GC/MS + Oxygenates/ Total Petroleum Hydrocarbons

Sample ID:	SV37-SS	SV42-SS	SV43-SS	SV43-5'	SV43-15'	Practical Quantitation Limit	Units
Analytes:							
Benzene	ND	ND	ND	ND	ND	0.020	µg/L
Bromobenzene	ND	ND	ND	ND	ND	0.020	µg/L
Bromodichloromethane	ND	ND	ND	ND	ND	0.020	µg/L
Bromoform	ND	ND	ND	ND	ND	0.020	µg/L
n-Butylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
sec-Butylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
tert-Butylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Carbon tetrachloride	ND	ND	ND	ND	ND	0.020	µg/L
Chlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
Chloroethane	ND	ND	ND	ND	ND	0.020	µg/L
Chloroform	ND	ND	ND	ND	ND	0.020	µg/L
Chloromethane	ND	ND	ND	ND	ND	0.020	µg/L
2-Chlorotoluene	ND	ND	ND	ND	ND	0.020	µg/L
4-Chlorotoluene	ND	ND	ND	ND	ND	0.020	µg/L
Dibromochloromethane	ND	ND	ND	ND	ND	0.020	µg/L
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	0.020	µg/L
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	0.020	µg/L
Dibromomethane	ND	ND	ND	ND	ND	0.020	µg/L
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
Dichlorodifluoromethane	ND	ND	ND	ND	ND	0.020	µg/L
1,1-Dichloroethane	ND	ND	ND	ND	ND	0.020	µg/L
1,2-Dichloroethane	ND	ND	ND	ND	ND	0.020	µg/L
1,1-Dichloroethene	0.050	ND	ND	ND	ND	0.020	µg/L

ND = Not Detected

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	8/2/2011
Client Address:	520 West 1st Street	**JEL Ref. No.:**	B-5193
	Tustin, CA 92780	**Client Ref. No.:**	7115
Attn:	Al Fuan	**Date Sampled:**	8/2/2011
		Date Received:	8/2/2011
Project:	Universal Fullerton	**Date Analyzed:**	8/2/2011
Project Address:	1551 E. Orangethorpe Ave.	**Physical State:**	Soil Gas
	Fullerton, CA		

EPA 8260B-Volatile Organics by GC/MS + Oxygenates/ Total Petroleum Hydrocarbons

Sample ID:	SV37-SS	SV42-SS	SV43-SS	SV43-5'	SV43-15'	Practical Quantitation Limit	Units
Analytes:							
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.020	µg/L
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.020	µg/L
1,2-Dichloropropane	ND	ND	ND	ND	ND	0.020	µg/L
1,3-Dichloropropane	ND	ND	ND	ND	ND	0.020	µg/L
2,2-Dichloropropane	ND	ND	ND	ND	ND	0.020	µg/L
1,1-Dichloropropene	ND	ND	ND	ND	ND	0.020	µg/L
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.020	µg/L
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.020	µg/L
Ethylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Freon 113	ND	ND	ND	ND	ND	0.020	µg/L
Hexachlorobutadiene	ND	ND	ND	ND	ND	0.020	µg/L
Isopropylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
4-Isopropyltoluene	ND	ND	ND	ND	ND	0.020	µg/L
Methylene chloride	ND	ND	ND	ND	ND	0.020	µg/L
Naphthalene	ND	ND	ND	ND	ND	0.020	µg/L
n-Propylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Styrene	ND	ND	ND	ND	ND	0.020	µg/L
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.020	µg/L
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.020	µg/L
Tetrachloroethylene	**0.070**	**0.361**	**0.744**	**0.346**	**0.102**	0.020	µg/L
Toluene	ND	ND	ND	ND	ND	0.020	µg/L
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,1,1-Trichloroethane	**0.020**	ND	ND	ND	ND	0.020	µg/L
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	0.020	µg/L
Trichloroethylene	**0.549**	ND	**0.042**	**0.066**	ND	0.020	µg/L

ND = Not Detected

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	8/2/2011
Client Address:	520 West 1st Street	**JEL Ref. No.:**	B-5193
	Tustin, CA 92780	**Client Ref. No.:**	7115
Attn:	Al Fuan	**Date Sampled:**	8/2/2011
		Date Received:	8/2/2011
Project:	Universal Fullerton	**Date Analyzed:**	8/2/2011
Project Address:	1551 E. Orangethorpe Ave.	**Physical State:**	Soil Gas
	Fullerton, CA		

EPA 8260B-Volatile Organics by GC/MS + Oxygenates/ Total Petroleum Hydrocarbons

Sample ID:	SV37-SS	SV42-SS	SV43-SS	SV43-5'	SV43-15'	Practical Quantitation Limit	Units
Analytes:							
Trichlorofluoromethane	ND	ND	ND	ND	ND	0.020	µg/L
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	0.020	µg/L
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Vinyl chloride	ND	ND	ND	ND	ND	0.020	µg/L
Xylenes	ND	ND	ND	ND	ND	0.020	µg/L
MTBE	ND	ND	ND	ND	ND	0.020	µg/L
Ethyl-tert-butylether	ND	ND	ND	ND	ND	0.020	µg/L
Di-isopropylether	ND	ND	ND	ND	ND	0.020	µg/L
tert-amylmethylether	ND	ND	ND	ND	ND	0.020	µg/L
tert-Butylalcohol	ND	ND	ND	ND	ND	0.100	µg/L
TIC:							
n-propanol	ND	ND	ND	ND	ND	0.020	µg/L
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	99%	92%	100%	101%	96%	75 - 125	
Toluene-d_8	101%	100%	93%	93%	102%	75 - 125	
4-Bromofluorobenzene	99%	103%	98%	103%	103%	75 - 125	
	B2-080211-CHECKS_1	B1-080211-CHECKS_1	B2-080211-CHECKS_1	B2-080211-CHECKS_1	B1-080211-CHECKS_1		

ND= Not Detected

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Chain-of-Custody Record

Client

Date

Project Name

Client Project #

Project Address

Turn Around Requested:
- ☐ Immediate Attention
- ☐ Rush 24-48 Hours
- ☐ Rush 72-96 Hours
- ☐ Normal
- ☐ Mobile Lab

Project Contact

SOIL GAS
Purge Number: ☐ 1P ☐ 3P ☐ 7P ☐ 10P
Tracer:
Purge Rate: cc/min
Shut In Test: Y / N

Analysis Requested

JEL Project #

Page of

Lab Use Only

Sample Condition as Received:
Chilled ☐ yes ☐ no
Sealed ☐ yes ☐ no

Sample ID	Purge Number	Purge Volume	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample Number	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)							Remarks/Special Instructions

❶ Relinquished by (signature)	Date	❷ Received by (signature)	Date	Total Number of Containers
Company	Time	Company	Time	
❸ Relinquished by (signature)	Date	❹ Received by Laboratory (signature)	Date	
Company	Time	Company	Time	

The delivery of samples and the signature on this Chain of Custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

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Fax (714) 449-9685
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Chain-of-Custody Record

Client: [illegible]
Project Name: [illegible]
Project Address: [illegible]
Project Contact: [illegible]

Date: 8/2/11
Client Project #: [illegible]

Turn Around Requested:
- ☐ Immediate Attention
- ☐ Rush 24-48 Hours
- ☐ Rush 72-96 Hours
- ☐ Normal
- ☑ Mobile Lab

SOIL GAS
Purge Number: ☑ 1P ☐ 3P ☐ 7P ☐ 10P
Tracer: _____
Purge Rate: [illegible] cc/min
Shut In Test: (Y) / N

JEL Project #: [illegible]
Page: 1 of [illegible]

Lab Use Only
Sample Condition as Received:
Chilled ☐ yes ☐ no
Sealed ☐ yes ☐ no

Sample ID	Purge Number	Purge Volume	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample Number	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)	Analysis Requested: [illegible]	Magnehelic Pressure (inH2O)	Number of Containers	Remarks/Special Instructions
VEW3-15 15'	1	[illegible]	[illegible]	07 25		[illegible]	SG	X		2	[illegible]
[illegible]	3	27501	[illegible]	07 31		[illegible]	SG	X		1	
[illegible]	7	[illegible]	[illegible]	[illegible]		[illegible]	SG	X		1	
[illegible]	1	30.2	[illegible]	[illegible]		[illegible]	SG	X		1	
[illegible]	1	15.1	[illegible]	[illegible]		[illegible]	SG	X		1	
[illegible]	1	[illegible]	[illegible]	[illegible]		[illegible]	SG	X		1	
[illegible]	1	[illegible]	[illegible]	[illegible]		[illegible]	SG	X		1	
[illegible]	1	[illegible]	[illegible]	[illegible]		[illegible]	SG	X		1	
[illegible]	1	[illegible]	[illegible]	[illegible]		[illegible]	SG	X		1	
[illegible]	1	[illegible]	[illegible]	[illegible]		[illegible]	SG	X		1	

❶ Relinquished by (signature)	Date 8/2/11	❷ Received by (signature)	Date	Total Number of Containers
Company TRC	Time 11:25	Company	Time	
❸ Relinquished by (signature)	Date	❹ Received by Laboratory (signature)	Date	
Company	Time	Company	Time	

The delivery of samples and the signature on this Chain of Custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

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Chain-of-Custody Record

Client

Date

Project Name

Client Project #

Project Address

Turn Around Requested:
- ☐ Immediate Attention
- ☐ Rush 24-48 Hours
- ☐ Rush 72-96 Hours
- ☐ Normal
- ☑ Mobile Lab

Project Contact

SOIL GAS
Purge Number: ☑ 1P ☐ 3P ☐ 7P ☐ 10P
Tracer: _____
Purge Rate: _____ cc/min
Shut In Test Y / N

JEL Project #

Page of

Lab Use Only
Sample Condition as Received:
Chilled ☐ yes ☐ no
Sealed ☑ yes ☐ no

Sample ID	Purge Number	Purge Volume	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample Number	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)	Analysis Requested					Number of Containers	Remarks/Special Instructions
												Magnehelic Pressure (inH2O)		
	1						SG	1					1	
	1						SG	1					1	
	1						SG	1					1	
	1						SG	1					1	
	3						SG	1					1	
	3						SG	1					1	
	3						SG	1					1	
	3						SG	1					1	
	1						SG	1					1	
	1						SG	1					1	

❶ Relinquished by (signature)	Date	❷ Received by (signature)	Date
Company TRC	Time	Company	Time
❸ Relinquished by (signature)	Date	❹ Received by Laboratory (signature)	Date
Company	Time	Company	Time

Total Number of Containers

The delivery of samples and the signature on this Chain of Custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

THE REYNOLDS GROUP
a California corporation

February 4, 2009

Luis Lodrigueza
ORANGE COUNTY HEALTH CARE AGENCY
Environmental Health Division
1241 East Dyer Road, Suite 120
Santa Ana, CA 92705-5611

SITE: **FULLERTON BUSINESS PARK NORTH**
(FORMER OCHCA #94IC29)
1551 EAST ORANGETHORPE AVENUE
FULLERTON, CALIFORNIA

SUBJECT: **REVISED VERIFICATION SAMPLING WORKPLAN**

Dear Mr. Lodrigueza,

Thank you for your prompt response! As directed in your January 27, 2009, e-mail (see Attachment A), The Reynolds Group (TRG) is revising our original "Verification Sampling Workplan", dated January 15, 2009, by modifying the soil vapor sampling scope of work at the subject Site to your liking (see Figure 1 – Site Location Map).

SCOPE OF WORK

TRG proposes to sample soil vapors in the shallow soils at the Site to verify cleanup of the shallow subsurface soils (see Figure 2 – Revised Site Plot Plan with Proposed Verification Sampling Locations). The soil vapor verification sampling will follow the February 7, 2005, updated DTSC "Interim Final – Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air" (the "DTSC Guidance").

Specifically, the Scope of Work will include the following:

1. Follow the Health and Safety Plan that is attached to this workplan.
2. Install and collect soil vapor samples from eight sub-slab soil vapor probes SV36 through SV43 to 1 foot below grade (ft bgs).
3. Sample from existing soil vapor probes SV25, SV27, and SV30 through SV35 at 5 and 15 ft bgs, and from existing passive wells PW1 and PW4 at 5, 15, and 25 ft bgs. At locations where sampling is no longer possible, TRG will install new replacement probes.
4. Sample from all existing extraction wells screened at 25 ft bgs, and from extraction wells at 15 ft bgs where no nearby soil vapor probes are available for sampling.
5. All soil vapor samples will be collected in syringes or clean summa canisters from each vapor extraction well and probe location.

Tel 714-730-5397 PO Box 1996, Tustin, California 92781-1996 Fax 714-730-6476
www.reynolds-group.com

6. Immediately following sample collection, analyze vapor samples by a state-certified mobile laboratory by EPA Method 8260 full scan for VOCs. Ten percent (10%) of the soil vapor samples will also be analyzed by EPA Method TO-15 to screen for other potential chemicals of concern, such as vinyl chloride, naphthalene and benzene.
7. Prepare a report signed by a California Registered Civil Engineer detailing field activities and results for OCHCA to perform an indoor human health risk analysis and evaluate the Site for closure.

Sub-Slab and Replacement Soil Vapor Probes

Prior to performing fieldwork, TRG will contact underground service alert and consult with the Site owner to identify any underground conduits or hazards. TRG will also obtain all any necessary permits to complete the work.

TRG will advance eight temporary sub-slab soil vapor probes (SV36 through SV43) to one ft bgs beneath the building concrete slab in order to adequately assess soil vapor conditions at the Site, while minimizing above grade ambient air influences.

In addition, TRG will install replacement soil vapor probes for locations where sampling is no longer possible at SV25, SV27, and SV30 through SV35 a, and PW1 and PW4.

All soil vapor probes will be advanced to the respective depths using a hand-held hammer drill or a direct push rig with a disposable drive tip. Once the temporary vapor probes reach the appropriate depth, a Nylaflow sample tube will be advanced inside the drive rod to one ft bgs. The end of the Nylaflow tubing has a 1.5 inch long air stone filter which allows soil vapor to enter the tubing while limiting the possibility of water or soil intrusion. The top of the Nylaflow tube has a plastic valve to prevent ambient air intrusion. The Nylaflow tubing and valves will be sealed at the surface with hydrated bentonite.

After temporary vapor probe placement, a period of at least 20 minutes will be allowed to pass before sample collection. This equilibration time will allow subsurface conditions to equilibrate prior to purge volume testing, leak testing, and soil vapor sampling.

Sample Collection

TRG will collect soil vapor samples from the eight sub-slab soil vapor probes (SV36 through SV43) at one ft bgs. In addition, TRG will collect vapor samples from existing and replacement soil vapor

probes SV25, SV27, and SV30 through SV35 at 5 and 15 ft bgs, and from existing passive wells PW1 and PW4 at 5, 15, and 25 ft bgs.

TRG will also collect vapor samples from existing vapor extraction wells where no nearby soil vapor probes are available for sampling at 15 ft bgs (VEW5, VEW6, VEW8, VEW9, VEW12, VEW13, and VEW16), and from all existing extraction wells that are screened at 25 ft bgs (VEW3 through VEW6, VEW9, VEW11 through VEW13, and VEW16).

Based on previous fieldwork at the Site, seven purge volumes produced the highest vapor sample concentrations and, thus, this purge volume will be applied to the verification sampling event. All soil vapors from the aforementioned soil vapor probes to be sampled will be collected at a 100 to 200 milliliters per minute (ml/min) extraction rate, while the vapors from the soil extraction wells will be collected at an extraction rate of 5 l/min.

A vacuum reading will be recorded on field data sheets for each sample. Soil vapor samples will be collected in clean syringes or summa canisters. Once collected, the soil vapor samples will be immediately analyzed at a fixed or mobile laboratory. One method blank will be collected for this soil vapor survey and one duplicate sample will be collected immediately after the original sample from the sample location with the highest anticipated PCE concentrations.

Leak Testing

Leak testing will be conducted at every soil vapor probe location. A tracer compound such as 1,1-difluoroethane will be released at the ambient ground surface and analyzed for in the soil vapor sample. A detection of the tracer compound in the subsurface soil vapor sample will indicate that ambient air intrusion occurred.

A vacuum reading will be recorded on field data sheets for each sample. Soil vapor samples will be collected in clean summa canisters. Once collected, the soil vapor samples will be immediately analyzed at a fixed or mobile laboratory. .

Disposable Equipment and Decontamination Procedures

Non-reusable nylon sample tubing will be discarded between sample locations. After each use, drive rods and other re-usable components will be properly decontaminated by a 3-stage wash and rinse process including a non-phosphate detergent such as Liquinox and a final distilled water rinse. Clean, dry tubing will be used for sampling at all times.

Laboratory Analyses.

Chain-of custody procedures will be followed in transporting samples to the onsite and offsite state-certified laboratory.

Soil vapor samples will be analyzed by EPA Method 8260B full scan for VOCs, since these are the historical compounds of concern. A detection limit of "0.1 ug/L" as vapor for carcinogenic compounds (PCE & TCE) and "1.0 ug/L" as vapor for non-carcinogenic compounds will be requested as specified in the *DTSC Guidance*. Ten percent (10%) of the soil vapor samples will be additionally analyzed by EPA Method TO-15 to screen the samples for other chemical of potential concern, such as vinyl chloride, naphthalene and benzene.

Waste Disposal

Any field generated wastes will be properly disposed in accordance with federal, state and local requirements. TRG, however, does not anticipate any wastes to be generated from this work.

Report on the Work

The results of the verification sampling fieldwork and analytical results will be put into a report signed by a California Registered Civil Engineer that incorporates all of the requirements of your agency. TRG requests that OCHCA evaluate the results for indoor human health risk analysis and closure consideration.

Health and Safety Plan

All staff and third parties who will be near or around the project will be required to sign the health and safety plan that has been prepared and is attached in Appendix B.

REGISTERED PROFESSIONAL STATEMENT

All work on this project is being performed under the responsible charge of a California Registered Civil Engineer. The licensed professional whose wet ink signature and seal appears at the end of this report will supervise all work associated with the project.

CORRESPONDENCES CONCERNING THIS PROJECT:

Please be sure that your mailing list includes The Reynolds Group and:

Dominique Baione
UNIVERSAL MOLDING EXTRUSION COMPANY
9151 East Imperial Highway
Downey, CA 90242

and

James R. McFadden
GRUBB & ELLIS
500 North State College Suite 100
Orange, CA 92868

and

John C. Glaser
GLASER, TONSICH & ASSOCIATES, LLC
765 West 9th Street
San Pedro, CA 90731

Should you have any questions regarding this report, please do not hesitate to contact our Project Manager for this Site, Alejandro Fuan, at (714) 920-9312 (cell) or via e-mail to fuan@reynolds-group.com . Thank you for your oversight of this work.

Sincerely,
THE REYNOLDS GROUP
a California corporation by:

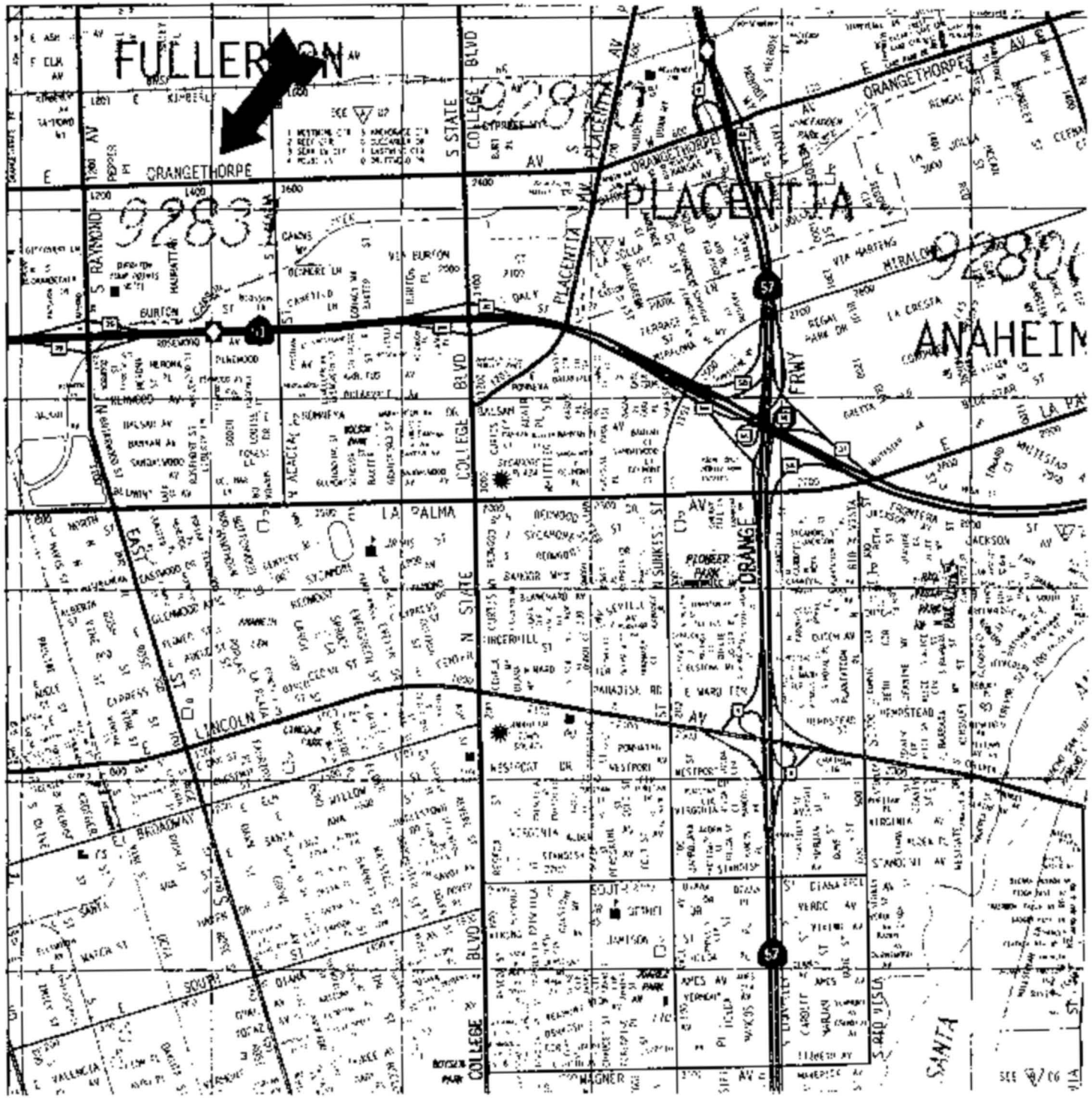
F. Edward Reynolds, Jr.
California Registered Civil Engineer

Alejandro Fuan
Project Manager

Attachments:

Figure 1 –	Site Location Map
Figure 2 –	Revised Site Plot Plan with Proposed Verification Sampling Locations
Attachment A	OCHCA Response Letter dated January 27, 2009
Attachment B	Health and Safety Plan

cc: Dominick Baione, **UNIVERSAL MOLDING EXTRUSION COMPANY**
James McFadden, **GRUBB & ELLIS**
John C. Glaser, **GLASER, TONSICH & ASSOCIATES, LLC**



General Notes

N
W E
S

Project Details

Name
Universal Interior

Address
1991 E. Orangethorpe
Fullerton, CA

Number
7119

Figure Details

Figure #

Review Date

Scale

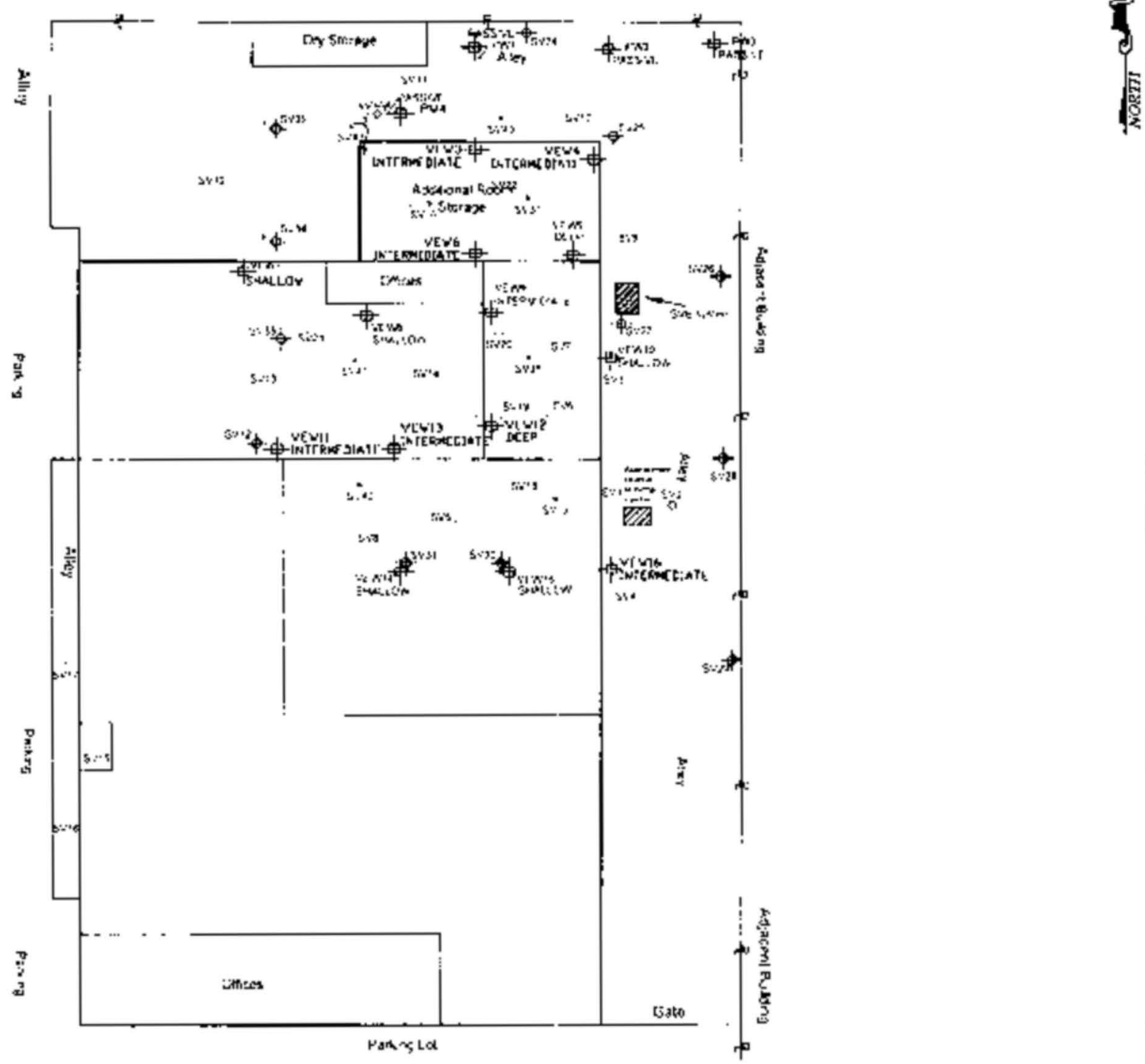
Company Information

Address
520 West 1st Street
Tustin, CA 92780

Telephone
(714) 730-6997

Fax
(714) 730-6476

Former Johnson Controls



General Notes

Project Details

Name

Address

Number

Figure Details

Figure #

Revised Date

Scale

Company Information

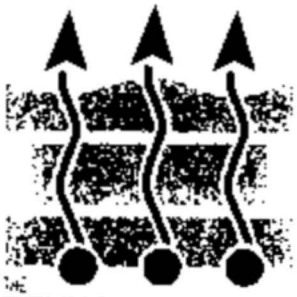
Address

Telephone

(714) 730-6597

Fax

(714) 730-6476



REYNOLDS GROUP
a California corporation

SITE SPECIFIC HEALTH & SAFETY PLAN

Soil Vapor Probe Installation and Verification Vapor Sampling

at

Fullerton Business Park
1551 Orangethorpe Avenue
Fullerton, California

Tel 714-730-5397

PO Box 1996, Tustin, California 92781-1996
520 West First Street, Tustin, California 92780- 3005
www.reynolds-group.com

Fax 714-730-6476

INTRODUCTION

The Reynolds Group (TRG) was engaged to install soil vapor probes and perform vapor verification sampling at 1551 Orangethorpe Avenue in Fullerton, California (the Site).

KEY PERSONNEL AND RESPONSIBILITIES

Following are key assignments for this project:

ASSIGNMENT	RESPONSIBLE PARTY
Project Manager:	Alejandro Fuan
Project Site Safety Officer:	Alejandro Fuan
Office Health and Safety Manager:	Ed Reynolds

The Project Manager (PM) has overall responsibility for field development and implementation of this Health and Safety Plan (HASP). The PM assigns health and safety related duties and responsibilities only to qualified individuals. Before anyone enters the work area, they must meet the requirements of 29 CFR 110.120 for medical examination and health and safety training.

The Project Site Safety Officer (PSSO), who must be on-site during all work activities, will be responsible for on-site health and safety activities. The PSSO has stop-work authorization that he will exercise when he perceives an imminent safety hazard, an emergency situation, or any other potentially dangerous situations, such as extreme weather conditions. If the PSSO stops work for a safety-related issue, work cannot begin again until approved by the OHSM. In an emergency, the PSSO will arrange for emergency support services when needed.

GENERAL SAFETY REQUIREMENTS

Continuous air monitoring for worker safety and regulatory compliance will be conducted using a photoionization detector (PID) or flame-ionization detector (FID) a minimum of every 15 minutes during the entire operation, unless directed otherwise by the appropriate regulatory agency officer(s) present on site.

Monitoring equipment, including PID/FID and CG/O2 meter, will be calibrated daily and calibration logs will be maintained on-site and made available upon request.

All on-site personnel operating within the work zone will show proof of current 40-hour hazardous waste operations training upon request.

Cellular telephones/radios will be available on-site at all times during work for communication in the event of an emergency.

HAZARD EVALUATION

The following is an evaluation of the hazards which might be associated with this project and the countermeasures which should be taken to remediate these hazards:

Exposure

POTENTIAL CHEMICALS:

The most likely chemical compounds to be encountered during this survey are petroleum fuel hydrocarbons, found typically in oil field operations.

ASSOCIATED HAZARD:

PCE / TCE:	Enters your body when you breathe its vapors or through the skin it can affect the central nervous system, harm the eyes, nose, throat, lungs, heart, liver, kidneys, and immune system and has been shown to cause cancer.

EXPOSURE PROBABILITY AND LIKELY CONSEQUENCE:

A low hazard level exists where there is no contact with the chemicals, when low concentrations are encountered, or when proper protection is worn.

COUNTERMEASURES:

- When OVM reading is less than 50 ppm above background level wear Level D protection;
- When OVM reading is above 100 ppm for greater that 15 minutes wear Level C protection;
- When OVM reading is above 1000 ppm cease work operations until level decreases.

Fire and Explosion

POTENTIAL FOR FIRE OR EXPLOSION:

Workers may encounter fire or explosion hazards on this project. Fire or explosion could occur by rupturing an underground gas line or if digging through soil that contains high concentrations of fuel hydrocarbons.

EXPOSURE PROBABILITY AND LIKELY CONSEQUENCE:

Low probability with moderate consequence.

COUNTERMEASURES:

Seek information about possible underground obstructions from knowledgeable individuals before excavating. Note if Dig Alert has marked the site for underground lines (see Section 3.11).

Oxygen Deficiency

On-site workers are not likely to encounter an oxygen deficiency. Workers will not enter confined spaces on this project.

Ionizing Radiation

On-site workers are not likely to encounter radioisotopes or other hazardous ionizing radiation on this site.

Biologic Hazards

On-site workers are not likely to encounter biologic hazards on this site.

Safety Hazards

On-site workers may encounter physical safety hazards on this site. Work operations include:

- working near moving, powered machinery;
- slips, strains, trips, and falls;
- moving and lifting of heavy objects;
- use of hand tools, and
- use of motor vehicles.

COUNTERMEASURES:

Use experienced on-site persons. Wear hard-toed shoes and approved hard hats. Heighten worker awareness with a tailgate safety session for all on-site workers at the start of work each day. Maintain all equipment (including safety devices) in proper operation condition. Never leave an open excavation unattended.

Electrical

On-site workers could encounter electrical hazards on this site if the front loader contacts overhead power lines, if subsurface work encounters buried live electrical lines, if poor weather conditions exist, or equipment is not properly grounded.

COUNTERMEASURE:

Be sure not to raise the front loader in proximity to overhead power lines. Work shall cease if bad weather conditions exist. Equipment shall be grounded. Seek information about possible underground lines from knowledgeable individuals before excavating. Note if Dig Alert has marked the site for underground lines (see Section 3.11).

Heat Stress

There will be a low likelihood that on-site workers may encounter heat stress on this project. Workers will be wearing Tyvek suits and ambient temperature will likely be in the low-to mid-eighties.

COUNTERMEASURES:

Heighten worker awareness about heat stress at daily tailgate safety session. Monitor heart rate at break time. If heart rate exceeds 110 beats per minute, cut work period by one-third. Provide and encourage drinking of water and juices at the job site.

Cold Exposure

On-site workers are not likely to encounter cold exposure on this project.

Noise

On-site workers will likely encounter excessive noise levels from operation of the heavy equipment.

COUNTERMEASURE:

Workers will wear hearing protection around the backhoe and whenever they have trouble conversing in normal tones at a distance of about five feet.

Underground Lines

Every effort will be made to determine if underground lines exist beneath the site. Dig Alert will be contacted at least two working days prior to the commencement of work. **Dig Alert #A-900145**

SITE CONTROL

For control purposes, the work area consists of a 160-foot area around the backhoe. It is open and workers will enter and leave the site with care. Smoking, eating, and drinking are prohibited in the immediate work area. The PSSO will exclude casual observers from the work area and will be on-site during work operations.

EMERGENCY RESPONSE PLAN

Following are emergency names, phone numbers, and contacts:

Police	911
Fire Department	911
Ambulance	911
Emergency Hospital 1111 West La Palma Ave. Anaheim, CA 92801	(714) 744-1450
The Reynolds Group 520 West First Street Tustin, CA 92780	(714) 730-5397
Closest Phone for Emergencies:	Cellular Phones
Project Manager (24 Hours):	Alejandro Fuan · (714)920-9312

Medical Emergencies:

For emergencies requiring ambulance service, call 911 for transportation of injured to hospital. Life-flight is available and can be obtained when calling 911.

Nearest Hospital:

See Attached Map

Emergency Decontamination:

In a medical emergency, personnel decontamination is of lesser importance than medical attention. Alert paramedics or emergency room attendants about the potential for contamination.

The undersigned have read and will comply with the Health and Safety Plan for the Universal Fullerton Property soil vapor probes and vapor sampling.

REPRESENTING	NAME	SIGNATURE	DATE

THE REYNOLDS GROUP
A California Corporation by:

F. Edward Reynolds, Jr., P.E.

Directions to Anaheim, CA 92801-2804, United States

YAHOO! LOCAL Maps

Summary and Notes

START A 1551 E Orangethorpe Ave, Fullerton, CA 92831-5229, United States

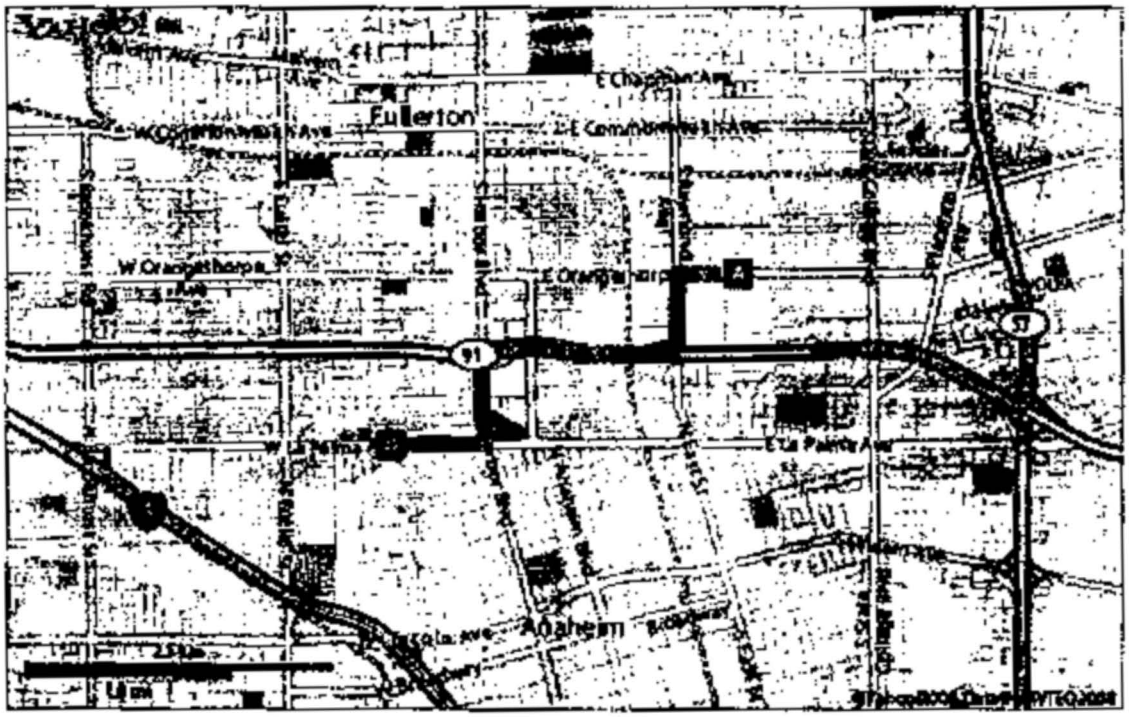
FINISH B 1111 W La Palma Ave, Anaheim, CA 92801-2804, United States

Total Distance: 2.7 miles, Total Time: 7 mins (approx.)

Add your notes here...

	Distance
A 1551 E ORANGETHORPE AVE, FULLERTON, CA 92831-5229, UNITED STATES	
1. Start at **1551 E ORANGETHORPE AVE, FULLERTON** going toward **MANHATTAN AVE**	go 0.3 mi
2. Turn **L** on **S RAYMOND AVE**	go 0.4 mi
3. Turn **R** to take ramp onto **CA-91 W** toward **RIVERSIDE FWY/LOS ANGELES**	go 0.5 mi
4. Take exit **#28/LEMON ST/ANAHEIM BLVD/HARBOR BLVD**	go 0.5 mi
5. Turn **L** on **S HARBOR BLVD**	go 0.5 mi
6. Turn **R** on **W LA PALMA AVE**	go 0.5 mi
7. Arrive at **1111 W LA PALMA AVE, ANAHEIM**, on the **R**	
B 1111 W LA PALMA AVE, ANAHEIM, CA 92801-2804, UNITED STATES	

Distance: 2.7 miles, Time: 7 mins



APPENDIX A

HAZWOPPER TRAINING CERTIFICATES FOR PM AND PSSO

ENVIRONMENTAL TRAINING AND COMPLIANCE

CERTIFICATE OF COMPLETION

8-HOUR SUPERVISORS' HEALTH & SAFETY TRAINING

F. Edward Reynolds Jr.

has successfully completed the 8-Hour Supervisors' Health and Safety Training Course, satisfying the OSHA Hazardous Waste Operators and Emergency Response Standard [29 CFR 1910.120 (e) and 8 CCR 5192 (e)].

Class date: March 14, 2008

Certificate # 27875-1

Joseph T. Thompson, MPH

2111 W. Crescent Ave • Suite B • Anaheim, CA 92801 • Phone: 800-949-4473

Association of
Bay Area Governments

ABAG Training Center
www.hazmatschool.com

CERTIFICATE OF COMPLETION

Alejandro Fuan

has successfully completed the course titled

OSHA 8-hr Annual HAZWOPER Refresher

Satisfies 29 CFR 1910.120(e)(8)

on

January 14, 2008

and has earned

IACET authorized 0.8 CEUs (Continuing Education Units) from the program

Certificate No 62894
(verify at www.hazmatschool.com)

Brian Kirking, Training Director
Sharon McCreadie, Training Coordinator
www.abag.ca.gov; (510) 464-7964

Paul W. Gantt, REA
Safety Compliance Management, Inc.

APPENDIX B

CALIBRATION TECHNIQUES

		Effective Date 2-10-95	Number
		Page 1 of 1	Revision 3-19-96

SUBJECT: CALIBRATION PROCEDURE MINIRAE

1. Follow steps 1 through 4 of the standard operation procedure titled "Normal Operations".

2. Depress the (MENU) key repeatedly until (CO x.x) is displayed. This is the zero calibration menu. You will attach the organic vapor zeroing kit to the intake of the sample probe and let it flow for 30 seconds. After 30 seconds you will depress the (ENTER) key to set the zero value. You should now have (CO 0.0) on the display.

3. Depress the (MENU) key 1 time to go to the calibration menu. Your display should now have (Clu xxx.x) where xxx.x is the value of the calibration gas you are using.

4. The first digit is flashing and if you need to change this value, just use the up or down arrow key to increment or decrement the value. Once the correct value is entered for the first digit, you will depress the (ENTER) key to move to the second digit.

5. Repeat step 5 unit all digits match the value of your calibration gas.

6. When you depress (ENTER) for the last digit, it takes you to the "GAS ON" screen. You will now attach a Tedlar sample bag filled with the Isobutylene calibration gas and depress the (ENTER) key.

7. The display will now show "Cal..." Wait until the display shows "C1 xxx.x" where xxx.x is equal to the calibration gas that is attached to the inlet.

8. Depress the (MENU) key unril you get back to the instantaneous ppm display. The readings should be very close to that of the calibration gas you have just calibrated to.

9. Remove the bag of Isobutylene calibration gas from the sample inlet probe. The readings should fall back towards zero. It is no unusual to get some background readings on the display at this time.

10. Follow the standard operation procedure titled "Quality Control Procedure" to ensure the unit passes the Q.C. check and is ready for rental.

APPENDIX C

MATERIAL SAFETY DATA SHEETS (MSDS)

PCE

Material Safety Data Sheet

[Home] [Manufacturer] [Part Number] [NSN] [Help]

SECTION I - Material Identity

Item Name	VOLATILES COALIBRATION CHECK COMPOUNDS MIXTURE CLP-110
Part Number/Trade Name	VOLATILES CALIBRATION CHECK COMPOUNDS MIXTURE CLP-120
National Stock Number	6810PCLP120V
CAGE Code	0MU35
Part Number Indicator	A
MSDS Number	180475
HAZ Code	B

SECTION II - Manufacturer's Information

Manufacturer Name	ULTRA SCIENTIFIC
Street	250 SEITH STREET
City	NORHT KINGSTOWN
State	RI
Country	US
Zip Code	02852
Information Phone	401-294-9400

MSDS Preparer's Information

Date MSDS Prepared/Revised	20NOV96
Active Indicator	N

Alternate Vendors

SECTION III - Physical/Chemical Characteristics

Appearance/Odor	LIQUID
Boiling Point	147F
Vapor Pressure	100MMHG
Vapor Density	1.1
Specific Gravity	.7910
Solubility in Water	SOLUBLE
Container Pressure Code	4
Temperature Code	B
Product State Code	L

SECTION IV - Fire and Explosion Hazard Data

Flash Point Method	UNK
Lower Explosion Limit	6.7
Upper Explosion Limit	36.0
Extinguishing Media	CARBON DIOXIDE, DRY CHEMICAL POWDER, OR WATER SPRAY.

SECTION V - Reactivity Data

Stability	YES
Materials to Avoid	STRONG OXIDIZERS
Hazardous Decomposition Products	N/A
Hazardous Polymerization	NO
Polymerization Conditions to Avoid	WILL NOT OCCUR

SECTION VI - Health Hazard Data

Route of Entry: Skin	YES
Route of Entry: Ingestion	YES
Route of Entry: Inhalation	YES
Health Hazards - Acute and Chronic	ALL CHEMICALS SHOULD BE CONSIDERED HAZARDOUS - DIRECT PHYSICAL CONTACT SHOULD BE AVOIDED.
Explanation of Carcinogenity	THIS CONTAINS CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.
Emergency/First Aid Procedures	EYE/SKIN:FLUSH WITH COPIOUS AMOUNTS OF WATER. IF INHALED, REMOVE TO FRESH AIR - GIVE OXYGEN, IF NECESSARY.CONTACT PHYSICAN.

SECTION VII - Precautions for Safe Handling and Use

Steps if Material Released/Spilled	A LEAKING AMPULE OR BOTTLE MAY BE PLACED N A PLASTIC BAG AND NORMAL DISPOSAL PROCEDURES FOLLWED.LIQUID SAMPLES MAY BE ABSORBED ON VERMITULITE OR SAND.
Waste Disposal Method	IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS.
Handling and Storage Precautions	KEEP TIGHLTY CLOSED AND STORE IN A COOL DRY PLACE
Other Precautions	THIS SHOULD ONLY BE USED BY THOSE PERSONS TRAINED IN THE SAFE HANDLING OF HAZARDOUS CHEMICALS.

SECTION VIII - Control Measures

Respiratory Protection	OSHA/MSHA APPROVED SAFETY EQUIPMENT.
Protective Gloves	GLOVES
Eye Protection	CHEM GOGGLES/FACE SHIELD
Other Protective Equipment	CHEM RISTSTNAT CLOTHING SUCH AS A LAB COAT AN/OR RUBBER APRON.
Disposal Code	O

SECTION IX - Label Data

Protect Eye..... YES
Protect Skin..... YES
Protect Respiratory..... YES
Chronic Indicator..... UNKNOWN
Contact Code..... MODERATE
Fire Code..... UNKNOWN
Health Code..... UNKNOWN
React Code..... UNKNOWN

SECTION X - Transportation Data

Container Quantity..... 12
Unit of Measure..... ML

SECTION XI - Site Specific/Reporting Information

Volatile Organic Compounds (P/G)..... 6.6005
Volatile Organic Compounds (G/L)..... 791

SECTION XII - Ingredients/Identity Information

Ingredient #..... 01
Ingredient Name..... METHYL ALCOHOL
CAS Number..... 67561
Proprietary..... NO
Percent..... 98.4829
OSHA PEL..... 200PPM
ACGIH TLV..... 200PPM
Ingredient #..... 02
Ingredient Name..... 1,1-DICHLORETHENE
CAS Number..... 75354
Proprietary..... NO
Percent..... .2528
ACGIH TLV..... 5PPM
Ingredient #..... 03
Ingredient Name..... BENZENE, CHLORO-
CAS Number..... 108907
Proprietary..... NO
Percent..... .2528
OSHA PEL..... 75PPM
ACGIH TLV..... 10PPM
Ingredient #..... 04
Ingredient Name..... BROMAFORE
CAS Number..... 75252
Proprietary..... NO

Percent..... .2528
OSHA PEL..... .5PPM
ACGIH TLV..... .5PPM
Ingredient #..... 05
Ingredient Name..... CHLOROETHANE
CAS Number..... 74873
Proprietary..... NO
Percent..... .2525
OSHA PEL..... 100PPM
ACGIH TLV..... 50PPM
Ingredient #..... 06
Ingredient Name..... 1,1,2,2-TETRACHLOROETHANE
CAS Number..... 79345
Proprietary..... NO
Percent..... .2528
OSHA PEL..... 5PPM
ACGIH TLV..... 1PPM

NOTICE: For additional information, contact BIOENVIRONMENTAL

TCE

Revised December 1997

Fact Sheet

Hazard Evaluation System and Information Service

850 Marina Bay Parkway
Building P, 3rd Floor
Richmond, CA 94804

(866) 282-5516

Trichloroethylene (TCE)

Health Hazard Summary: Trichloroethylene mainly affects the central nervous system (the brain), causing headache, nausea, dizziness, clumsiness, drowsiness, and other effects like those of being drunk. TCE can also damage the facial nerves, and it can cause skin rash. Heavy exposure can damage the liver and kidneys. TCE causes cancer in animals and may cause cancer in humans.

HOW TO KNOW IF YOU ARE WORKING WITH TRICHLOROETHYLENE

TCE is sometimes called by other names, such as trichloroethene, ethylene trichloride, or ethinyl trichloride. It is sold under many different brand names, such as Tri-Clene, Trielene, Trilene, Trichloran, Trichloren, Algylen, Trimar, Triline, Tri, Trethylene, Westrosol, Chlorylen, Gemalgene, and Germalgene.

TCE looks like water and has a sweet odor like chloroform. It is mainly used in metal degreasing. It is also used as a raw material to make other chemicals, as a cleaner in electronics manufacturing, and for all sorts of general solvent purposes such as in paints, paint strippers, and adhesives. It has also been used as a low-temperature refrigerant and as a grain fumigant, and is still sometimes used in dry cleaning. It is no longer commonly used as a medical anesthetic gas.

Your Right To Know: Under California's Hazard Communication Standard (Cal/OSHA regulation GISO 5194), your employer must tell you if you are working with any hazardous substances, including TCE, and must train you to use them safely.

If you think you may be exposed to hazardous chemicals at work, ask to see the Material Safety Data Sheets (MSDSs) for the products in your work area. MSDSs can be very hard to read, and sometimes they are out of date or inaccurate or they leave out important information, but the MSDS should at least tell you what's in the product. An MSDS lists the hazardous chemicals in a product, describes its health and safety hazards, and gives methods for its safe use, storage, and disposal. An MSDS should also include information on fire and explosion hazards, chemical reactivity, first aid, and methods for handling leaks and spills. Your employer must have an MSDS for any workplace product that contains a hazardous substance, and must make the MSDS available to employees on request. The MSDS for a product that contains TCE should identify it in Section 2 by the CAS number 79-01-6.

HOW TRICHLOROETHYLENE ENTERS AND AFFECTS YOUR BODY

TCE enters your body when you breathe its vapors in the air. TCE can also be absorbed through your skin, especially with lengthy skin contact or if your skin is cut or cracked.

Overexposure to TCE mainly affects the central nervous system (the brain). Other symptoms can also occur, as described below.

TCE belongs to a large class of chemicals called organic solvents. Alcohols, acetone, methyl ethyl ketone, trichloroethane, methylene chloride, benzene, toluene, and xylene are just a few other examples of organic solvents. Most organic solvents share the same basic set of health effects, although some solvents also cause specific effects of their own.

Nervous System: Like most organic solvents, TCE can affect your brain the same way drinking alcohol does, causing headache, nausea, dizziness, clumsiness, drowsiness, and other effects like those of being drunk. This can increase your chances of having accidents. The effects of short-term overexposure usually clear up within a few hours after you stop being exposed. As your exposure level increases or you are exposed for a longer time, the effects get stronger, occur more quickly, and last longer. Drinking alcohol within a few hours of exposure will increase these effects and make them last longer. Very high exposures to TCE can cause a person to pass out, stop breathing, and die.

Most experts believe that repeated, frequent overexposure to organic solvents in general, over months or years, can have long-lasting and possibly permanent effects on the nervous system. The symptoms include fatigue, sleeplessness, poor coordination, difficulty in thinking, loss of short-term memory, and personality changes such as depression, anxiety, and irritability. We don't know how much exposure it takes to cause these effects, and these effects have not been studied in workers exposed only to TCE.

Unlike most other solvents, TCE can damage the nerves of the face. Vision, smell, taste, and sometimes control of the muscles of the face and mouth can be impaired. There is some evidence that hearing might also be affected. The most obvious cases result from short-term high exposure, although effects may not appear until hours or even as much as two days after the exposure. Long-term lower-level exposure may also cause less obvious damage. TCE can also damage the nerves of the arms and legs, causing tingling, loss of feeling, weakness, and paralysis. The effects are probably caused by contaminants, rather than by TCE itself, but those contaminants are usually present.

Skin: TCE, like other organic solvents, can dissolve your skin's natural protective oils. Frequent or prolonged skin contact can cause irritation and dermatitis (skin rash), with dryness, redness, flaking, and cracking of the skin. TCE can be absorbed into the body slowly through healthy skin, or rapidly through damaged skin. TCE quickly penetrates most ordinary clothing (see Personal Protective Equipment) and can get trapped in gloves and boots; such exposure can cause burns and blistering.

Eyes, Nose, and Throat: TCE vapor in the air can irritate your eyes, nose, and throat. Liquid TCE splashed in the eye can sting, but any damage to the eye usually heals within a few days.

Lungs: Exposure to TCE at high levels can irritate the lungs, causing chest pain and shortness of breath. Extreme overexposure (for example, inside an enclosed or confined space such as a degreasing tank) can cause pulmonary edema, a potentially life-threatening condition in which the lungs fill with fluid. However, there is no evidence that repeated, low-level exposure has any long-term effects on the lung.

Heart: Extremely high concentrations of TCE or other chlorinated solvents can cause heart fibrillation (irregular heartbeats) that can cause sudden death.

Liver and Kidneys: At very high levels of exposure such as might occur in an enclosed space or during a spill TCE can injure the liver and kidneys. Liver or kidney damage is rare; it's not at all likely to happen without substantial effects on the nervous system first, and it's not likely to happen if exposures are kept within the legal workplace limits. Generally, such liver or kidney damage is not permanent. However, long-term exposure can contribute to liver damage from drinking alcohol.

Immune System: There have been reports of certain rare immune diseases such as systemic sclerosis (scleroderma) and lupus erythematosus among people exposed to TCE, but there has been no good study to show whether TCE is actually related to any immune system disorder.

Cancer: TCE causes cancer in mice, and there is some evidence that it may also be a weak carcinogen in rats. Humans exposed to TCE have not been studied well enough to give much information, but the human studies also suggest that TCE may cause cancer. You should treat TCE as a likely cause of human cancer.

Genetic Changes: There are many ways to test whether a chemical causes genetic mutations. In most tests, TCE causes little or no mutation.

Reproductive System: Several animal studies and at least one human study have suggested that TCE might cause birth defects, loss of the fetus, or impaired growth and performance of the offspring. However, there has been very little consistency among the tests; each experimenter has tended to get results very different from those of other experimenters, and most tests find little or no effect on pregnancy. You should treat TCE as a possible hazard to pregnancy.

Other: People who drink alcohol and breathe TCE vapors at nearly the same time can develop degreaser's flush, a reddeing of the face, shoulders, and back that usually goes away within an hour or so after exposure stops.

TESTS FOR EXPOSURE AND MEDICAL EFFECTS

There are ways to measure the amount of TCE in your body. Unlike many other organic solvents, TCE's breakdown products remain in the body for up to three weeks, so testing does not necessarily have to be done right after exposure. Biological Exposure Indexes have been developed to help interpret the various types of test results. However, because people vary greatly, these tests are mainly useful for evaluating groups of exposed workers, not individual workers. There are also other tests to look for certain unusual specific health effects. A health care provider can select specific tests on a case-by-case basis to evaluate chemical exposure and its effects. HESIS physicians can provide advice for such medical evaluations. However, routine testing is not recommended or required.

If symptoms such as memory loss, confusion, and mood changes occur, neuropsychological testing may be useful.

It is generally recommended that workers who are regularly exposed to hazardous substances get a complete physical examination, including an occupational and medical history, at the beginning of their employment. They should also have periodic follow-up examinations.

LEGAL EXPOSURE LIMITS

California's Division of Occupational Safety and Health (Cal/OSHA) sets and enforces standards for workplace chemical exposure. Cal/OSHA sets Permissible Exposure Limits (PELs) for the amounts of certain chemicals in workplace air. The PELs are intended to protect the health of a person who is exposed every day over a working lifetime.

Cal/OSHA's PEL for TCE is 25 parts of TCE per million parts of air (25 parts per million, or 25 ppm). This is equal to about 135 milligrams of TCE per cubic meter of air (135 mg/m3). Legally, your exposure may be above 25 ppm at times, but only if it is below the PEL at other times, so that your average exposure for any 8-hour workshift is no more than 25 ppm.

There is also a Short Term Exposure Limit (STEL) of 200 ppm (1075 mg/m3), which must not be exceeded during any 15-minute averaging period, and a Ceiling Limit of 300 ppm (1612 mg/m3) that must never be exceeded for any period of time.

The American Conference of Governmental Industrial Hygienists has recommended a Short-Term Exposure Limit of 100 ppm. Cal/OSHA will probably adopt this more protective recommendation as a legal STEL in about 1998.

You should not rely on your sense of smell to warn you that you are being overexposed to TCE. TCE has fairly good warning properties; on average, people begin to smell TCE just about when the concentration in the air reaches the PEL (at about 28 ppm, on average). However, many people can smell TCE at lower levels, when they are not being overexposed; and many people cannot smell it even at much higher levels. Also, your sense of smell becomes dulled after being around TCE for a short time. Measuring the amount of a substance in the air is the only reliable way to determine the exposure level.

When two or more chemicals have similar health effects (such as TCE and other organic solvents that affect your central nervous system or irritate your eyes, nose, and throat), there are special rules (GISO 5155(c)(1)(B)) that set lower limits on your combined exposure.

If you work with TCE and think you may be over-exposed, talk to your supervisor or your union. If any worker might be exposed to a substance at more than the legal limit, the employer must measure the amount of the substance in the air in the work area (GISO 5155 (e)). You have the legal right to see the results of such monitoring relevant to your work (GISO 3204).

You also have the right to see and copy your own medical records, and records of your exposure to toxic substances. These records are important in determining whether your health has been affected by your work. Employers who have such records must keep them and make them available to you for at least 30 years after the end of your employment.

REDUCING YOUR EXPOSURE

Your employer is required to protect you from being exposed to chemicals at levels above the PELs. Cal/OSHA and Cal/OSHA Consultation Service can help you and your employer see Resources.

Substitution: The most effective way to prevent over-exposures is to use a safer chemical, if one is available. However, the health and safety hazards of substitutes must also be carefully considered, to make sure that they are actually safer. One advantage of TCE is that it does not burn or explode. One disadvantage is that TCE vapors are much heavier than air, so they can settle into pockets and depressions (such as an open degreasing tank) and reach very dangerous concentrations. TCE evaporates very quickly; in a closed container, it can build up to levels three hundred times as high as the Ceiling Limit that must never be exceeded.

Engineering Controls: When possible, employers must use engineering control methods rather than personal protective equipment to prevent overexposure. Engineering control methods include installing ventilation, changing the work process, and changing work practices. Containers, vats, and tanks should be tightly covered to prevent evaporation. Certain work processes can be isolated, enclosed, or automated to reduce exposures.

Local exhaust ventilation systems (hoods) are the most effective type of ventilation control. These systems capture contaminated air at its source before it spreads into the air in your breathing zone. The local exhaust intake should pull dirty air away from you and not towards you.

Personal Protective Equipment: When engineering controls cannot reduce exposures enough, a respirator must be worn and a respiratory protection program must be developed, as described in detail in Cal/OSHA regulations (GISO 5144). An industrial hygienist or other trained person should be consulted to ensure that the equipment is appropriate and is used correctly. An organic vapor filter cartridge can effectively filter out TCE. However, many people cannot smell TCE even when they are exposed at levels above the PEL, so they cannot tell when the cartridge has worn out. Therefore, filter respirators are not approved; a supplied-air respirator must be provided.

If frequent or prolonged skin contact with TCE cannot be avoided, or if splashing may occur, other protective equipment such as gloves, goggles, or faceshields should be worn. TCE quickly penetrates the material of most types of protective gloves and aprons; materials that may be a little more resistant include Teflon, Silvershield, chlorobutyl rubber, and possibly SBR/neoprene rubber. Even the most resistant materials can be penetrated very quickly, so protective clothing should be replaced often. If TCE penetrates gloves, it may be worse than working bare-handed, because the gloves keep the TCE from evaporating off of your skin.

TCE usually contains trace amounts of stabilizers (much less than 1% by weight) to keep it from decomposing into toxic and corrosive acidic by-products. The stabilizers usually don't change the toxicity of the product much, although certain ones may be a bit more carcinogenic than TCE itself.